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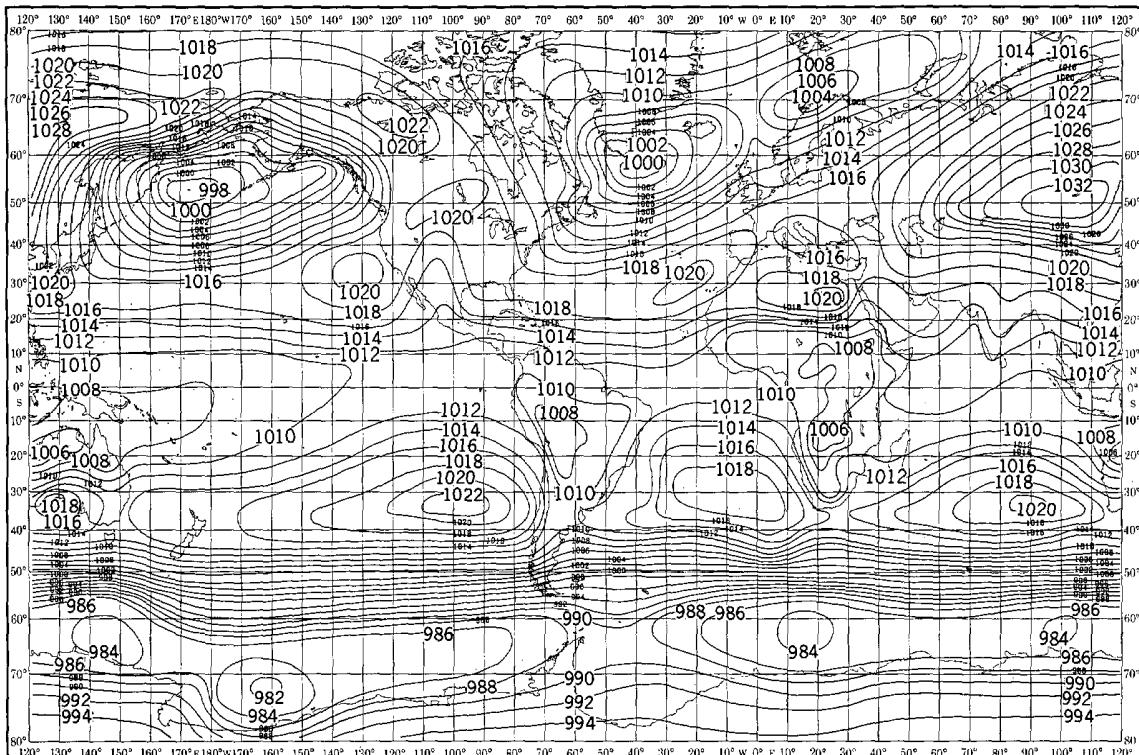
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MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

FEBRUARY

SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

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28801

Kenneth D. Wadler

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLINAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = °C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "+1" or "-1" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMATE and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAYS OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.
PRESSURE: Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.
DAYS 1 MM: The number of days on which precipitation was 1 mm or more.
PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "L" indicates an amount less than 0.5 mm.
QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.
STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.
OB: Observation time code: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, 7 = other hours.

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PUBLICATION STAFF

J. D. Ziemianski, Supervisory Meteorological Technician

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EUROPE-NORWAY

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	3 MM DEPARTURE	QUINTILE	TOTAL hr	% OF AV.		
EUROPE																		
NORWAY																		
01001 JAN MAREN	7056N	00840W	9	987.2	988.3	-5.9	-0.1	3.3	0.2	14	60	8	4					
01008 SVALBARD LUFTHAVN	7815N	01528E	29	991.4	995.2	-19.2		1.0		1	5							
01025 TROMSO/LANGNES	6941N	01855E	10	988.5	989.6	-2.3	1.5	4.1	0.5	15	140	54	5	96				
01028 BJORNØYA	7431N	01901E	14	989.5	991.3	-10.4	-3.2	2.4	-0.7	10	39	10	5					
01098 VARDO	7022N	03106E	15	988.7	990.5	-3.6	1.9	4.4	0.8	16	66	31	5					
01152 BODO VI	6716N	01422E	13	988.9	990.4	0.7	3.2	5.0	1.0	21	92	30	5	52				
01241 ORLAND III	6342N	00936E	7	993.1	994.2	2.8	3.7	6.5	1.9	15	55	-13	2					
01317 BERGEN/FLORIDA	6023N	00520E	36	995.3	999.7	4.5		5.7		23	298	5		32				
01384 OSLO/GARDERMOEN	6012N	01105E	204	975.8	1000.8	0.9	8.7	5.1	2.0	9	84	37	5					
01415 STAVANGER/SOLA	5853N	00538E	9	1001.1	1002.1	4.5	4.5	6.9	2.0	20	141	85	5					
SWEDEN																		
02080 KARESUANDO	6827N	02230E	327	952.2	992.5	-10.4	4.6	2.8	0.8	10	32	13	5	146				
02128 GUNNARN	6501N	01741E	281	961.4	995.9	-4.9		3.7		8	51	16	6					
02196 HAPARANDA	5550N	02409E	6	994.4	995.3	-6.1	5.8	3.7	1.2	9	49	16	5	142				
02226 OSTERSUND/FROSÖN	6311N	01430E	366	953.6	998.3	-1.2	7.0	4.6	1.4	5	22	-4	3	134				
02361 HARNOSAND	6238N	01757E	8 28	997.5	998.8	-0.1	6.7	5.0	1.6	7	112	74	6	117				
02418 KARLSTAD FLYGPLATS	5922N	01328E	55	995.7	1002.5	2.9	7.9	6.6	2.6	10	45	17	5	123				
02464 STOCKHOLM/BROMMA	5921N	01757E	11	1002.4	1003.8	2.6	6.0	6.7	2.4	8	21	-8	2					
02512 GOTEBORG/SAVE	5747N	01153E	53	1000.5	1005.7	4.6	6.3	7.0	2.2	14	93	59	6	41				
02550 JONKOPING FLYGPLATS	5746N	01405E	232	977.5	1005.9	2.6	5.9	6.6	2.2	13	52	25	5	79				
02590 VISBY FLYGPLATS	5740N	01821E	47	1001.1	1006.9	3.0	4.6	6.9	2.2	7	24	-12	2	179				
FINLAND																		
02801 KILPISJARVI	6903N	02047E	476	933.4	993.0	-10.1		2.8		12	38	5						
02805 KEVO	6945N	02702E	101	979.7	992.6	-9.2		2.8		9	29	5		108				
02836 SODANKYLA	6722N	02639E	179	972.4	995.3	-8.9	4.9	3.2	1.1	11	37	13	5	86				
02869 KUUSAMO	6558N	02911E	263	964.2	997.3	-7.2	7.2	3.5		10	44	16	6					
02875 OULU	6456N	02522E	15	995.0	996.8	-3.6	8.2	4.4		11	40	21	6	97				
02897 KAJAANI	6417N	02741E	136	981.1	998.2	-3.7	8.0	4.5	2.0	13	42	21	5	93				
02911 VAASA	6303N	02145E	4	997.0	998.1	-0.9	7.2	5.2	1.9	9	37	15	5	106				
02929 JOENSUU	6240N	02938E	117	986.3	1001.1	-2.8	8.9	4.3		14	51	26	6	58				
02935 JYVASKYLA	6224N	02541E	145	981.9	1000.1	-2.0	7.8	4.8	1.9	12	67	38	6	81				
02942 NIINISALO	6151N	02228E	136	983.8	1000.7	-0.7		5.1		12	65	5						
02958 LAPPEENRANTA	6105N	02809E	106	989.9	1003.2	-1.1	8.5	5.1		13	48	22	6	87				
02963 JOKIOINEN	6049N	02330E	103	989.7	1002.6	0.0	7.6	5.6	2.2	10	61	38	6	113				
02972 TURKU	6031N	02216E	59	995.5	1002.8	1.0	7.7	5.8	2.1	12	73	47	6	142				
02974 HELSINKI-VANTAA	6019N	02458E	56	996.6	1003.7	0.5	7.4	5.5	2.1	13	84	50	5	125				
UNITED KINGDOM																		
03005 LERWICK	6008N	00111W	84	985.4	995.4	4.2	1.4	7.1	0.6	25	250	163	6	43				
03026 STORNOWAY	5813N	00619W	13	995.2	997.0	5.0	0.9	7.2	-0.1	26	181	105	6	57				
03091 ABERDEEN/DYCE	5712N	00213W	65	993.1	1001.0	5.1	2.4	6.8	0.4	9	38	-20	2	127				
03100 TIREE	5630N	00653W	12	1000.0	1001.1	6.1	1.2	7.6	-0.2	26	184	113	6	56				
03160 EDINBURGH AIRPORT	5557N	00321W	41	999.1	1003.5	5.2	2.0	7.2	0.3	15	70	29	5	87				
03162 ESKDALEMUIR	5519N	00312W	242	976.3	1005.9	3.7	2.1	7.1	0.9	21	217	118	6	72				
03257 LEEMING	5418N	00132W	40	1004.5	1008.5	6.1	2.3	7.5	0.5	8	41	0	3	99				
03302 VALLEY	5315N	00432W	11	1008.5	1009.9	7.4	2.3	8.4	0.7	15	81	19	4	95				
03334 MANCHESTER AIRPORT	5321N	00216W	78	1001.2	1010.5	6.2	2.3	7.4	0.6	11	81	29	5	95				
03377 WADDINGTON	5310N	00031W	70	1002.2	1010.9	5.6	2.3	7.3	0.4	6	26	-16	3	109				
03534 BIRMINGHAM/AIRPORT	5227N	00144W	99	1000.3	1012.4	5.9	2.4	7.3	0.2	11	51	2	3	99				
03715 CARDIFF-WALES AIRPORT	5124N	00321W	67	1005.9	1013.9	6.7	2.2	8.2	0.6	15	87	21	4	103				
03776 LONDON/GATWICK AIRPORT	5109N	00011W	62	1008.0	1015.2	6.2	2.1	7.9	0.8	14	72	19	5	85				
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1012.0	1015.4	8.0	2.2	9.0	0.8	15	130	41	5	91				
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11	1013.9	1015.3	6.7	2.0	8.5	0.7	11	80	14	4	94				
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	997.8	1006.2	5.7	1.8	7.6	0.5	16	61	5	4	89				
IRELAND																		
03953 VALENTIA OBSERVATORY	5156N	01015W	14 28	1009.7	1011.4	8.0	1.5	8.9	0.7	23	129	11	3	53				
03955 CORK AIRPORT	5151N	00829W	162	992.1	1011.9	6.2	1.3	8.6	0.8	21	118	11	4	70				
03962 SHANNON AIRPORT	5242N	00855W	20	1007.8	1010.2	7.3	1.9	8.3	0.5	19	95	32	4	62				
03969 DUBLIN AIRPORT	5326N	00615W	85 28	998.7	1009.1	6.6	1.7	7.6	0.2	12	43	-8	3	95				
03976 BELMULLET	5414N	01000W	10 28	1004.9	1006.1	6.9	1.2	8.1	0.4	25	153	79	53	75				
03980 MALIN HEAD	5522N	00720W	25	1000.8	1003.9	6.5	1.2	7.7	0.4	24	137	62	5	66				

EUROPE-ICELAND

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN %	DEPARTURE %	DAYS 1 MM	TOTAL	DEPARTURE %	QUINTILE	TOTAL hr	% OF AV.
EUROPE	0°	0°	mb	mb	mb	mb	°C	°C	mb	%	mm	%	%	hr	%	
ICELAND																
04018 KEFLAVIK	6358N	02236W	54	979.0	985.6	-2.6	-3.2	4.2	-1.7	16	107	20	4			
04030 REYKJAVIK	6408N	02154W	61	978.5	986.1	-3.0	-3.3	3.9	-1.7	16	101	30	5	39	68	
04063 AKUREYRI	6541N	01805W	27	984.1	987.5	-4.2	-2.7	4.0	-0.6	17	166	127	6			
04082 HJARDARNES	6415N	01511W	12	984.7	986.0	-1.9	-2.3	3.8	-1.4	14	104	-23	2			
DENMARK (GREENLAND)																
04220 EGEDESMINDE	6842N	05245W	47	995.1	1001.6	-24.0	-9.5	0.6	-1.0	0	2	-18	1			
04250 GODTHAB	6410N	05145W	48	993.2	996.8	-12.6	-5.7	1.8	-0.8	8	18	-24	2			
04312 NORD ADS	8136N	01640W	34	1001.2	1006.3	-31.2		0.3		3	11					
04320 DANMARKSHAVN	7646N	01840W	12	1000.8	1002.5	-26.5	-2.0	0.4	-0.1	3	12	-2	3			
04340 KAP TOBIN	7025N	02158W	42	990.2	995.8	-18.4	-1.0	1.2	0.2	3	16	-16	2			
04360 ANGMAGSSALIK	6536N	03738W	52	987.0	991.6	-11.3	-3.6	1.8	-0.9	7	30	-65	1			
04390 PRINS CHRISTIAN SUND	6002N	04307W	76	988.8	991.2	-7.3	-3.4	2.1	-1.4							
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	39	984.9	989.7	3.4	0.0	7.5	0.6	27	214	100	6			
06030 ALBORG	5706N	00952E	3	1006.1	1006.5	4.5	5.1	7.1	1.7	12	57	31	5			
06186 KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	1010.0	1010.6	5.1	5.0	7.2	1.6	6	12	-26	1			
06190 RONNE	5504N	01445E	16	1010.0	1012.0	4.3		7.2		7	22		2			
NETHERLANDS																
06260 DE BILT	5206N	00511E	4	1015.0	1015.5	5.3	3.0	7.5	0.9	11	47	-3	3	87	125	
BELGIUM																
06447 UCCLE	5048N	00421E	104	1004.6	1017.0	5.2	2.1	10.9	4.3	12	56	-14	3	106		
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	972.9	1019.3	2.0	0.6	6.5	0.5	13	49	-11	2	27	35	
SWITZERLAND LIECHTENSTEIN																
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569	954.2	1023.1	3.0	2.1	6.3	0.8	12	70	-10	3	77	97	
06680 SAENTIS	4715N	00921E	2500	749.2	3032	Z	-4.5	4.2	2.9	0.3	14	220	67	4	140	114
06700 GENEVE-COINTRIN	4615N	00608E	416	973.0	1023.9	3.1	0.8	6.3	0.2	9	73	-7	3	46	45	
06770 LUGANO	4600N	00858E	276	986.1	1021.9	5.8	1.7	6.2	0.0	4	126	42	4	138	97	
SPAIN																
08001 LA CORUNA	4322N	00825W	67	1014.9	1023.1	11.4	1.3	9.5	-0.3	10	118	11	3	149	116	
08141 VALLADOLID	4139N	00446W	735	936.9	1024.6	6.7	1.3	7.1	0.1	6	30	-7	3	160	111	
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258	992.7	1024.2	16.4	9.4	7.3		5	22	2	4	144	85	
08181 BARCELONA/AEROPUERTO	4117N	00204E	6	1020.2	1021.0	10.4		9.0		3	8		1	183	110	
08222 MADRID	4025N	00341W	667	946.8	1025.3	8.7	1.7	6.9	-0.4	5	20	-27	2	145	82	
08306 PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	1022.7	1023.5	10.9	-2.8	9.6		6	141	-22	3	186	110	
08314 MENORCA/MAHON	3952N	00414E	82	1013.1	1023.1	12.2	1.5	10.9	1.2	3	13	-31	1	186	127	
08329 BADAJEZ	3853N	00658W	195	1003.3	1024.5	10.1	0.0	8.5	-1.5	5	19	-44	2	173	96	
08359 ALICANTE	3822N	00030W	82	1014.2	1024.1	13.0	0.8	9.6	0.5	3	13	-12	3			
08390 SEVILLA/TABLADA	3722N	00600W	14	1021.7	1023.4	13.1	1.3	10.3	-0.7	8	50	-33	3	174	100	
08487 ALMERIA/AEROPUERTO	3651N	00223W	21	1019.5	1022.9	13.8		12.2		2	19		3	176	95	
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5	1024.0	1024.4	14.1	0.5	12.5	0.8	8	101	-9	3	105	65	
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62	1021.0	1028.5	15.3		13.4		8	33		1	136	140	
08513 PONTA DELGADA (ACORES)	3745N	02540W	36	1024.4	1028.8	14.4		12.7		6	62		2	142	160	
08515 SANTA MARIA (ACORES)	3658N	02510W	100	1016.6	1028.9	14.6	0.6	12.2	0.3	3	24	-59	1			
08535 LISBOA	3843N	00909W	95	1014.2	1025.8	13.0		10.5		11	82		4	168	90	
08546 PORTO/SERRA DO PILAR	4108N	00836W	100	1012.1	1024.2	11.1		9.3		12	134		4	139	85	
GERMAN DEMOCRATIC REPUBLIC																
09170 WARNEMUENDE	5411N	01205E	10	1012.2	1013.4	4.8	4.6	7.3	1.5	8	18	-12	2	68	110	
09184 GREIFSWALD	5406N	01324E	6	1012.8	1013.6	4.8	5.3	7.1	1.5	9	25	-3	3	70	90	
09379 POTSDAM	5223N	01304E	100	1004.2	1016.6	3.8	4.0	6.6	1.1	10	31	-4	3	87	125	
09393 LINDENBERG	5213N	01407E	112	1003.0	1016.9	3.8	4.3	6.8	1.3	10	31	-1	3	78	110	
09469 LEIPZIG-SCHKEUDITZ	5125N	01214E	133	1000.3	1017.8	3.7	3.4	6.5	0.7	6	26	-5	2	65	105	
09488 DRESDEN-KLOTZSCHE	5108N	01347E	226	990.7	1018.7	4.2	3.4	6.5	1.0	11	36	8	4	79	105	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	% OF AV.				
EUROPE																		
GERMAN DEMOCRATIC REPUBLIC																		
09499 GOERLITZ	5110N	01457E	238	989.2	1018.7	3.5	4.3	6.5	1.1	10	36	2	3	82 105				
09548 MEININGEN	5034N	01023E	453	964.3	1020.0	1.3	-	5.9	9	38	-	35	55					
09554 ERFURT-BINDERSLEBEN	5059N	01058E	323	978.9	1019.0	2.4	2.9	6.1	0.6	7	17	-8	2	77 110				
09578 FICHTELBERG	5026N	01257E	1215	876.7	1461 Y	-0.4	4.2	4.8	0.7	12	49	-29	2	98 135				
GERMANY, FEDERAL REPUBLIC OF																		
10035 SCHLESWIG	5432N	00933E	48	1005.9	1011.8	4.3	4.1	7.4	1.6	13	61	11	4	67 102				
10147 HAMBURG-FUHLSBUETTEL	5338N	01000E	16	1011.7	1013.7	4.9	4.3	7.2	1.4	11	41	1	4	77 120				
10203 EMDEN-HAFEN	5321N	00712E	12	1011.9	1013.4	5.2	3.8	7.6	1.5	13	46	1	3	95 150				
10338 HANNOVER	5228N	00942E	54	1008.9	1015.6	4.9	4.2	7.0	1.1	11	43	6	4	102 148				
10384 BERLIN-TEMPELHOF	5228N	01324E	49	1010.0	1016.1	4.5	4.0	6.9	1.4	10	36	3	4	80				
10410 ESSEN	5124N	00658E	161	996.9	1016.8	4.7	2.3	7.2	1.1	15	89	31	5	104 170				
10438 KASSEL	5118N	00927E	233	989.0	1017.8	2.8	1.6	6.6	0.9	13	38	-6	3	40 55				
10628 GEISENHEIM	4959N	00757E	120	1004.4	1019.3	3.7	1.5	6.9	1.0	11	26	-8	3	33 47				
10739 STUTTGART/SCHNARRENBERG	4850N	00912E	311	982.4	1020.6	3.8	1.6	6.6	0.7	7	31	-3	3					
10763 NUERNBERG	4930N	01105E	312	982.2	1020.6	3.1	2.6	6.4	0.8	8	32	-8	2	34 42				
10866 MUENCHEN-RIEM	4808N	01142E	529	956.8	1021.1	2.8	3.3	6.1	0.7	9	46	-9	3	87 110				
10929 KONSTANZ	4741N	00911E	447	967.4	1022.1	2.8	-	6.5	10	51	4	53	75					
10961 ZUGSPITZE	4725N	01059E	2962	705.9	3027 Z	-7.9	3.6	2.5	0.4	14	175	15	4	137 114				
AUSTRIA																		
11028 ST. POELTEN	4812N	01537E	282	987.0	1021.8	3.6	3.6	6.6	1.2	4	21	-18	2	60 85				
11035 WIEN/HOHE WARTE	4815N	01622E	209	995.8	1021.4	5.0	4.1	7.1	1.0	9	27	-11	2	60 71				
11120 INNSBRUCK-FLUGHAFEN	4715N	01121E	598	951.6	1023.3	3.0	2.6	5.6	0.7	9	62	21	4	122 115				
11146 SONNBLICK	4703N	01257E	3107	692.9	3023 Z	-8.1	5.0	2.3	0.3	16	82	-27	2	138 117				
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450	968.0	1021.5	2.9	3.1	6.1	0.7	10	53	-7	3	96 99				
11155 FEUERKOGEL	4749N	01344E	1621	840.2	1497 Y	0.3	-	4.1	-	15	125	2	133	130				
11212 VILLACHERALPE	4636N	01340E	2160	785.9	1511 Y	-2.0	-	3.1	-	7	106	4	164	115				
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452	967.5	1023.3	0.6	2.3	5.4	0.4	4	27	-15	3	111 96				
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	980.3	1022.8	2.8	3.6	6.3	0.9	5	27	-7	3	89 83				
CZECHOSLOVAKIA																		
11406 CHEB	5005N	01224E	471	28	962.8	1020.4	1.6	3.0	6.1	1.2	7	25	-5	3 46				
11518 PRAHA/RUZYNE	5006N	01417E	369	28	974.4	1019.7	2.7	3.9	6.2	1.1	8	19	-2	3 77				
11520 PRAHA-LIBUS	5000N	01427E	304	28	982.6	1020.4	3.6	3.1	6.2	0.9	5	20	2	4 73				
11723 BRNO/TURANY	4909N	01642E	246	28	991.0	1021.3	3.6	4.2	6.3	1.1	3	10	-11	1 71				
11782 OSTRAVA/MOSNOV	4941N	01807E	256	28	989.4	1021.0	3.6	4.7	6.2	1.1	8	19	-12	2 123				
11903 SLIAC	4838N	01909E	318	28	983.4	1023.1	1.6	3.1	5.9	0.8	8	28	-18	2 67				
11934 POPRAD/TATRY	4904N	02015E	707	28	935.9	-	0.2	3.7	4.7	0.4	5	18	-8	3 88				
POLAND																		
12120 LEBA	5445N	01732E	2	1012.3	1012.6	4.3	-	7.3	9	32	-	-	-					
12205 SZCZECIN	5324N	01437E	3	1014.2	1015.0	4.4	5.2	6.9	1.5	6	23	-3	3					
12295 BIALYSTOK	5306N	02310E	151	997.9	1016.8	2.5	6.7	6.3	2.0	7	26	-7	2					
12330 POZNAN	5225N	01650E	92	1006.0	1016.5	4.4	5.8	5.9	1.7	8	16	-10	2					
12375 WARSZAWA-OKCIE	5210N	02058E	107	1004.6	1017.9	4.0	6.6	6.7	1.9	8	21	-4	3					
12424 WROCŁAW II	5106N	01653E	121	1003.6	1018.7	3.7	4.6	6.8	1.4	7	17	-8	2					
12497 WLODAWA	5133N	02332E	179	997.0	1019.2	3.1	-	6.5	5	30	-	-	-					
12695 PRZEMYSŁ	4948N	02246E	280	986.7	1021.4	3.2	5.4	5.7	1.0	5	16	-16	2					
HUNGARY																		
12772 MISKOLC	4808N	02048E	119	1008.0	1023.5	2.2	2.6	6.2	0.8	5	32	1	4	48 62				
12840 BUDAPEST/METEOROLOGIA	4731N	01902E	129	1007.2	1023.3	4.7	3.0	6.6	0.9	1	15	-25	1	63 74				
12843 BUDAPEST/LORINC	4726N	01911E	139	1005.6	1023.1	3.8	3.2	6.8	1.1	8	21	-11	3	61 69				
12882 DEBRECEN	4729N	02138E	112	1009.2	1023.9	2.9	2.8	6.6	0.9	7	25	-10	2	57 65				
12942 PECS	4600N	01814E	203	998.3	1023.5	4.4	3.1	6.4	0.6	4	32	-4	3	57 60				
12982 SZEGED	4615N	02006E	83	1013.6	1024.0	4.6	3.4	6.3	0.3	3	16	-9	2	64 70				
YUGOSLAVIA																		
13129 ZAGREB/GRIC	4549N	01559E	162	28	1002.6	1022.7	5.2	2.4	6.8	0.9	6	26	-19	2 55 61				
13274 BEOGRAĐ	4448N	02028E	132	1007.4	1023.8	5.4	2.8	6.0	0.1	2	10	-38	1	59 75				
13334 SPLIT/MARJAN	4331N	01626E	128	1006.4	1022.0	10.1	1.8	8.0	1.0	5	25	-41	1	176 55				
13354 SARAJEVO	4352N	01826E	637	28	945.7	1022.1	4.0	2.7	5.2	-0.1	11	41	-30	2 113				
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	1017.4	1023.6	8.7	2.0	7.0	0.8	3	100	-76	2	155 137				
13586 SKOPJE-PETROVAC	4158N	02139E	239	993.8	1023.8	3.3	0.2	6.0	-0.3	2	6	-27	1					

EUROPE-ROMANIA

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.		
EUROPE																
ROMANIA																
15085 BISTRITA	4709N	02431E	367	979.9	1025.7	-0.1	1.7	5.2	0.2	8	30	-7	3	66		
15090IASI	4710N	02738E	104	1009.9	1022.9	3.7	5.8	5.0	0.1	4	6	-28	0	111		
15120 CLUJ-NAPOCA	4647N	02334E	413	973.5	1024.6	1.0	2.6	5.7	0.8	5	10	-20	2	84		
15247 TIMISOARA	4546N	02115E	88	1013.9	1024.9	3.8	2.8	6.3	0.2	4	13	-31	1	77		
15260 SIBIU	4548N	02409E	444	970.4	1025.3	1.2	2.0	5.7	0.4	5	19	-10	2	73		
15360 SULINA	4509N	02940E	9	1022.4	1023.6	4.1	3.3	6.8	0.7	3	10	-20	2	119		
ITALY																
16045 UDINE/RIVOLTO	4559N	01302E	53	1015.7	1022.3	6.3	0.9	6.9	0.4	6	65	-36	2	117		
16090 VERONA/VILLAFRANCA	4523N	01052E	68	1013.8	1022.3	5.4	1.1	7.2	0.1	4	44	-7	3	109		
16105 VENEZIA/TESSERA	4530N	01220E	6	1021.2	1021.9	5.4	0.6	7.5	0.4	5	40	-17	2	100		
16110 TRIESTE	4539N	01345E	20	1019.4	1021.8	7.7	1.7	7.8	1.0	6	37	-31	2	102		
16158 PISA/S. GIUSTO	4341N	01023E	1	1021.3	1022.0	8.1	0.5	8.5	0.3	4	32	-47	1	95		
16191 FALCONARA	4337N	01322E	10	1020.4	1022.2	6.5		7.6		2	6			118		
16230 PESCARA	4226N	01412E	11	1020.1	1021.3	7.4	0.3	7.7	-0.2	4	11	-37	1	135		
16242 ROMA/FIUMICINO	4148N	01214E	3	1021.0	1022.0	9.0	0.1	9.6	0.4	2	26	-44	1	110		
16320 BRINDISI	4039N	01757E	10	1021.0	1022.2	11.4	1.4	9.9	-0.3	2	4	-55	0	191		
16325 MARINA DI GINOSA	4026N	01653E	12	1019.9	1021.3	9.6	0.0	8.7	-1.2	1	2	-55	0	130		
16420 MESSINA	3812N	01533E	51	1016.0	1022.5	13.0	1.2	10.3	0.4	4	19	-80	1	158		
16429 TRAPANI/BIRGI	3755N	01230E	14	1022.0	1023.0	11.3	-0.3	11.2	0.0	6	15	-42	1	121		
16520 ALGHERO	4038N	00817E	40	1019.4	1022.0	9.1	-1.2	10.0	-0.3	6	88	28	4	183		
16560 CAGLIARI/ELMAS	3915N	00903E	18	1021.9	1022.6	10.0	-0.3	10.7	0.6	7	41	-12	3	163		
MALTA																
16597 LUQA	3551N	01429E	91	1015.1	1023.7	12.4	0.0	11.2	-0.1	8	57	-4	3	95		
TURKEY																
17030 SAMSUN	4117N	03620E	4	1024.8	1025.2	6.6	-0.9	6.1	-1.2	7	48	-15	3			
17050 EDIRNE	4140N	02634E	48	1019.0	1025.3	6.0	1.4	6.5	-0.6	1	4	-49	0			
17062 ISTANBUL/GOZTEPE	4058N	02905E	40	1020.4	1024.5	6.6	0.5	7.1	-0.2	2	23	-52	1			
17074 KASTAMONU	4122N	03346E	799	929.0	1025.6	-0.8	-1.7	4.4	-0.8	4	13	-15	1			
17090 SIVAS	3945N	03701E	1285	876.4	1029.8	-4.7	-2.8	3.1	-1.1	3	15	-25	1			
17092 ERZINCAN	3944N	03930E	1215	883.3	1025.4	1.0	2.2	3.4	-0.9	2	6	-26	1			
17112 CANAKKALE	4008N	02624E	3	1023.8	1024.4	7.1	0.2	7.5	-1.0	1	3	-72	0			
17116 BURSA	4011N	02904E	100	1012.3	1024.6	6.8	0.2	5.2	-2.0	1	7	-67	0			
17130 ANKARA/CENTRAL	3957N	03253E	894	918.5	1024.5	0.5	-1.3	4.4	-0.8	1	14	-25	1			
17190 AFYON	3845N	03032E	1034	903.1	1026.0	0.3	-1.7	4.3	-1.3	1	8	-31	0			
17220 IZMIR	3826N	02710E	25	1019.4	1022.5	9.4	0.1	7.2	-1.3	1	11	-94	1			
17240 ISPARTA	3745N	03033E	997	906.1	1023.9	1.9	-1.3	4.4	-1.3	2	17	-52	1			
17270 URFA	3709N	03846E	547	955.5	1020.8	7.2	0.2	5.0	-1.8	2	4	-66	0			
17280 DIYARBAKIR	3753N	04011E	677	942.5	1022.3	2.3	-1.5	4.4	-1.8	4	30	-39	1			
17292 MUGLA	3712N	02821E	646	945.1	1022.2	5.7	-0.4	6.0	-1.4	3	51	-130	1			
17300 ANTALYA	3642N	03044E	57	1014.5	1019.7	8.9	-1.9	7.2	-1.9	4	109	-65	2			
17352 ADANA	3659N	03518E	20	1018.5	1020.9	11.1		6.2		1	2		0			
USSR																
22113 MURMANSK	6858N	03303E	46	988.1	994.6	-6.9	4.3	3.0	0.7	7	18	-2	3	50		
22165 KANIN NOS	6839N	04318E	49	989.5	995.8	-7.9	2.6	3.1	0.5	9	33	10	4	29		
22550 ARHANGEL'SK	6435N	04030E	13	1000.8	1001.9	-6.8	5.9	3.4	1.1	11	33	9	4	62		
22837 VYTEGRA	6101N	03627E	59	999.0	1006.1	-2.1	9.1	4.4	1.8	7	22	-6	2	47		
26038 TALLIN	5925N	02448E	44	1000.8	1005.1	1.2	7.3	6.0	2.3	13	57	32	5	71		
26063 LENINGRAD (TOWN/VILLE)	5958N	03018E	4	1005.4	1006.2	0.6	8.3	5.3	1.3	11	29	-2	3	185		
26477 VELIKIE LUKI	5623N	03036E	98	998.9	1011.8	0.7	8.7	5.7	2.5	9	23	-2	3	58		
26629 KAUNAS	5453N	02353E	75	1002.7	1012.3	2.7	7.6	6.4	2.4	10	34	3	4	67		
26850 MINSK	5352N	02732E	234	986.9	1015.7	1.5	7.9	5.8	2.2	6	34	2	4	63		
27037 VOLOGDA	5917N	03952E	118	992.8	1009.3	-3.9	7.5	4.1	1.6	7	17	-5	3	54		
27196 KIROV	5839N	04937E	164	991.2	1012.6	-7.5	5.4	3.0	0.8	11	33	9	4	67		
27595 KAZAN'	5547N	04911E	64	1000.1	1015.5	-6.7	6.1	3.4	1.1	11	35	10	5	77		
27612 MOSKVA	5545N	03734E	156	993.9	1013.5	-0.5	8.0	4.9	1.9	6	32	-4	3			
33345 KIEV	5024N	03027E	179	998.9	1019.7	2.5	7.2	5.8	1.8	6	57	13	4			
33393 L'VOV	4949N	02357E	325	981.8	1021.7	2.4	6.1	5.6	1.2	5	14	-32	1	102		
33837 ODESSA	4629N	03038E	64	1018.2	1023.5	3.9	5.2	6.1	1.2	2	10	-31	1	113		
33946 SIMFEROPOL'	4501N	03359E	205	1001.6	1024.2	2.5	2.3	6.1	0.7	6	31	-3	3	105		
34122 VORONEZ	5142N	03910E	164	999.2	1017.9	-0.8	8.2	5.0	1.9	6	34	4	3	54		
34172 SARATOV	5134N	04602E	156	993.7	1019.3	-4.7	7.0	3.6	1.2	7	14	-11	2	94		

EUROPE-USSR

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
EUROPE	0°	0°	#	#	mb	mb	°C	°C	mb	mb	#	#	#	#	
USSR															
34300 HAR'KOV	4956N	03617E	152	999.9	1019.5	0.8	6.4	5.7	2.0	6	21	-14	2	55	80
34731 ROSTOV-NA-DONU	4715N	03949E	77	1013.0	1022.4	0.7	4.9	5.4	1.2	7	36	-9	3		
34880 ASTRAHAN'	4616N	04802E	18	1023.7	1026.3	-0.6	5.0	5.0	1.5	4	13	3	4	103	
37050 PJATIGORSK	4403N	04302E		959.0	1025.8	-2.2	1.1	4.3	0.2	7	32	9	5	147	
37549 TBILISI	4141N	04457E	490	972.2	1024.8	2.5	-0.8	4.4	-0.7	1	12	-11	2	592	
ISRAEL															
40180 BEN-GURION INTL AIRPORT	3200N	03454E	49	1015.9	1020.6	11.9	-1.3	8.9	-1.1	8	52	-61	2	211	108
40184 JERUSALEM	3147N	03513E	809	932.1	1508	7.3	-2.7	7.2	-0.4	5	57	-61	2	207	114
40199 EILAT	2933N	03457E	13	1019.3	1019.5	14.8	-2.4	6.1	-2.1	1	2	-14	3	264	112
JORDAN															
40250 H-4 'IRWAISHED'	3230N	03812E	688	28	940.1	1020.7	7.5	-2.5	4.8	-1.6	2	4	-10	2	114
40270 AMMAN AIRPORT	3159N	03559E	768	28	929.1	1020.5	7.9	-1.4	5.9	-1.5	3	26	-24	2	115
40310 MA'AN	3010N	03547E	1070	28	889.9	1455	6.5	-2.9	4.9	-1.1	3	19	11	5	107
ASIA															
USSR															
20046 POLAR GMD IM.E.T.KRENKELJA	8037N	05803E	20	992.8	995.8	-27.7	-1.8	0.7	-0.3	7	35	4	4		
20069 OSTROV VIZE	7930N	07659E	18	995.3	996.7	-27.6	-1.6	0.6	-0.5	3	10	-11	2		
20292 GMO IM.E.K. FEDOROVA	7743N	10417E	13	998.0	1000.1	-26.0	3.7	0.7	0.2	4	11	-12	2		
20674 OSTROV DIKSON	7330N	08014E	20	991.8	998.2	-24.4	2.6	0.8	0.1	11	37	7	4	23	
20891 HATANGA	7159N	10228E	24	1001.1	1005.7	-26.4	6.2	0.7	0.3	2	5	-9	1	40	
21432 OSTROV KOTEL'NYJ	7600N	13754E	10	1005.5	1006.6	-27.2	3.9	0.5	0.1	0	1	-7	1	4	50
21946 COKURDAH	7037N	14753E	48	1002.0	1010.6	-29.9	4.2	0.5	0.2	2	14	1	3	40	100
21965 OSTROV CETYREH-STOLBOVOY	7038N	16224E	6	1003.2	1008.8	-22.0	8.0	1.0	0.4	1	5	-3	2	37	
23146 MYS KAMENNYJ	5828N	07336E		1001.3	1002.4	-22.5	3.8	1.0	0.2	5	17	-6	3		
23205 NAR'JAN-MAR	6739N	05301E	7	999.6	1000.9	-13.8	4.4	2.1	0.5	7	19	-1	2	57	130
23219 HOSEDA-HARD	6705N	05923E	84	992.4	1003.5	-17.7	3.4	0.1	-1.3		20	-5	3	44	90
23330 SALEHARD	6632N	06632E	35	1002.3	1004.4	-20.1	4.3	1.2	0.3	8	13	-6	2	40	
23472 TURUHANSK	6547N	08757E	32	1004.5	1009.6	-17.0	8.6	1.6	0.8	17	35	17	5	31	75
23552 TARKO-SALE	6455N	07749E	27	1003.5	1007.6	-19.1	7.2	1.4	0.6	15	45	28	6	59	85
23724 NJAKSIMVOL'	6226N	06052E	50	1002.7	1009.4	-14.4	6.2	1.9	0.4	3	11	-10	2	88	
23804 SYKTYVKAR	6140N	05051E	96	993.2	1008.6	-9.1	5.2	2.7	0.7	10	33	9	5	68	115
23884 BOR	5136N	09000E	63	1008.7	1016.4	-13.7	9.4	2.1	1.0	18	43	20	5	38	55
23933 HANTY-MANSIJSK	6058N	06904E	40	1005.7	1012.0	-15.5	3.8	1.8	0.5	11	18	0	3	126	
24105 ESSEJ	6828N	10222E	271	973.0	1010.1	-26.0	9.6	0.7	0.4		3	-6	2		
24125 OLENEK	6830N	11226E	127	982.0	1011.5	-28.3	8.1	0.6	-1.0	4	9	2	4	81	170
24143 DZARDZAN	6844N	12400E	45	1008.6	1013.9	-25.9	10.4	0.6	0.3	3	11	2	4		
24266 VERHOJANSK	6733N	13323E	137	997.4	1017.4	-38.4	5.2	0.2	0.0	3	20	14	6	74	95
24507 TURA	6410N	10004E	186	989.9	1015.1	-21.1	12.7	1.2	0.8	5	14	4	4	37	
24641 VIL JUJSK	6346N	12137E	107	1000.9	1016.3	-24.4	8.8	0.8	0.4	7	14	7	5	65	75
24688 OJMJAON	6316N	14309E	726	918.9	1024.1	-41.4	1.9	0.2	0.0	5	14	2	5	126	105
24738 SUNTAR	6209N	11739E	124	999.3	1017.4	-19.4	13.4	1.3	0.9	4	10	2	5	110	105
24817 ERBOGACEN	6116N	10801E	291	980.5	1019.2	-17.7	12.0	1.5	1.1	5	11	0	4	74	
24959 JAKUTSK	6205N	12945E	103	1004.1	1018.4	-29.5	7.1	0.4	0.2	7	14	6	5	93	75
25173 MYS SMIDTA	6855N	17929W	7	1009.9	1010.5	-14.4	13.7	2.2	1.6	7	27	14	5	42	
25248 ILIRNEJ	6720N	16814E	426	962.5	1010.4	-24.1	9.0	1.2	0.5	13	44	34	6	54	70
25325 UST'-OLOJ	6633N	15925E	125	992.8	1010.2	-26.5	7.9	0.7	0.3	10	37	25	6		
25399 MYS UELEN	6610N	16950W	7	1016.9	1017.4	-5.8	17.0	3.8	2.2	11	37	11	4	34	
25400 ZYRJANKA	6544N	15054E	43	1006.8	1018.9	-28.7	5.0	0.5	0.2	5	29	15	5	81	120
25563 ANADYR'	6447N	17734E	62	997.2	1005.1	-8.9	13.9	3.2	1.6	18	113	90	6	70	30
25703 SEJMCAN	6255N	15225E	207	983.1	1012.3	-27.5	6.5	0.5	0.1	11	27	6	4	83	
25744 KAMENSKOE	6229N	16613E	8	999.2	1000.6	-13.7	9.3	1.6	0.0	14	70	31	5	96	50
25954 KORF	6021N	16600E	3	997.3	997.8	-10.7	3.6	2.8	0.9	18	89	66	6	75	75
28225 PERM	5801N	05618E	161	999.4	1014.3	-10.0	4.1	2.5	0.6	12	27	-3	4	78	105
28275 TOBOL'SK	5809N	06811E	44	1008.3	1014.8	-15.3	2.7	1.8	0.4	6	20	3	4		
28440 SVERDLOVSK	5648N	06038E	237	979.7	1015.9	-9.7	3.5	2.4	0.6	4	14	-6	3	115	130
28698 OMSK	5456N	07324E	94	1004.1	1020.5	-15.3	2.5	1.9	0.4	8	24	13	5	128	
28952 KUSTANAJ	5313N	06337E	171	999.6	1020.3	-13.8	2.7	2.2	0.6	6	16	3	4	139	130
29231 KOLPASEV	5818N	08254E	76	1008.8	1019.0	-13.7	6.1	1.9	0.7	3	9	-6	2	100	20
29263 ENISEJSK	5827N	09209E	78	1008.2	1022.1	-12.9	8.1	2.0	0.5	6	16	-1	3	70	80
29282 BOGUCANY	5825N	09724E	134	1005.3	1023.0	-13.3	10.9	1.6	0.6	3	10	1	4	84	30
29574 KRASNOJARSK	5600N	09253E	194	989.3	1025.2	-9.8	6.1	1.9	0.5	4	9	-4	2		

ASIA-USSR

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
				MEAN	STATION	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	% OF AV.
ASIA												
USSR	0°	0°	m	mb	mb	°C	°C	mb	mb	m	m	%
29838 BARNAUL	5320N	08342E	196	1002.9	1027.5	-13.1	2.7	2.1	0.5	5	21	-1 3 108 115
29866 MINUSINSK	5342N	09142E	251	995.9	1029.6	-14.7	2.9	1.8	0.4	2	4	-3 2
30230 KIRENSK	5746N	10807E	258	990.8	1025.4	-16.0	10.3	1.5	0.1	3	9	-2 3 92
30309 BRATSK	5604N	10150E	326	972.2	1026.5	-12.9	7.2	1.8	0.7	1	5	-6 1 104
30469 KALAKAN	5507N	11645E	613	947.1	1029.9	-25.1	4.4	0.7	0.2	0	0	-3 0 204
30554 BOGDARIN	5428N	11335E	995	900.3	1025.6	-15.2	10.8	1.1	0.5	0	0	-3 0 207
30635 UST'-BARGUZIN	5326N	10859E	457	969.1	1029.7	-15.4	5.3	1.5	0.5	0	T	-6 1
30673 MOGOCA	5344N	11947E	619	944.5	1027.4	-21.1	4.1	0.9	-0.4	0	T	-5 1 215 135
30710 IRKUTSK	5216N	10421E	485	968.4	1029.6	-12.8	4.9	1.8	0.6	1	2	-6 1 180 145
30758 CITA	5201N	11320E	685	942.5	1030.5	-18.3	4.2	1.1	0.3	0	T	-4 1 210 125
31004 ALDAN	5837N	12522E	682	933.1	1020.7	-16.6	9.5	1.3	0.7	13	36	20 6 97 90
31088 OHTOSK	5922N	14312E	6	1003.9	1004.7	-18.1	1.0	0.9	-0.1	0	T	-10 1 196
31168 AJAN	5627N	13809E	9	1009.4	1010.6	-12.4	5.4	1.1	0.2	0	T	-13 1 149 115
31253 BOMNAK	5443N	12856E	357	973.8	1021.6	-19.6	5.2	0.9	0.3	0	0	-4 1 176 115
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1003.1	1012.2	-15.8	4.0	1.2	0.0	2	7	-25 1
31416 IM POLINY OSIPENKO	5225N	13630E	73	1004.9	1014.8	-18.3	4.6	1.1	0.3	0	T	-8 1 228 135
31510 BLAGOVESCIENSK	5016N	12730E	137	1005.1	1022.5	-12.3	6.8	1.6	0.4	0	T	-6 1
31735 HABAROVSK	4831N	13510E	72	1006.1	1018.1	-11.8	5.8	1.6	-0.2	0	1	-10 1 244 130
31960 VLADIVOSTOK	4307N	13154E	138	998.7	1022.4	-5.7	5.2	2.3	0.6	1	5	-15 2 202 105
32150 JUZNO-SAHALINSK	4655N	14244E	31	1011.9	1015.0	-9.4	3.5	2.5	0.5	3	5	-35 1 192
32195 SIMUSIR	4651N	15152E	26	1009.8	1013.0	-4.3	0.9	3.8	0.3	5	31	-51 1 84
32411 ICA	5542N	15538E	4	1000.2	1001.1	-11.3	1.8	2.2	0.2	14	33	6 4 118 70
32540 PETROPAVLOVSK-KAMCATSKIY	5258N	15845E	7	995.8	998.9	-7.8	-0.5	2.1	-0.5	5	24	-57 2
32618 NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6	993.0	995.8	-3.9	-0.1	3.9	0.1	17	88	30 5 70 135
35121 ORENBURG	5145N	05506E	109	1005.8	1021.3	-10.3	3.7	2.7	0.8	6	17	-6 3 83 85
35358 TURGAJ	4938N	06330E	123	1006.6	1020.5	-14.6	0.8	1.8	-0.3	7	18	6 4 152 115
35394 KARAGANDA	4948N	07308E	555	956.9	1028.5	-13.2	0.7	2.2	0.4	10	30	13 5 126
35700 GUR'EV	4701N	05151E	-20	1026.3	1023.4	-3.5	4.9	4.3	1.5	4	13	2 4 134
35796 BALHAS	4654N	07500E	423	995.5	1021.9	-13.6	0.0	2.1	0.3	4	13	4 4 152
35925 SAM	4525N	05612E	82	1014.1	1025.6	-5.2	4.8	3.8	1.4	7	10	4 5 124
36177 SEMIPALATINSK	5021N	08015E	206	1003.6	1029.7	-12.1	3.9	2.1	0.2	7	21	-3 4 142 105
36870 ALMA-ATA	4314N	07566E	847	924.7	1029.7	-6.0	-0.7	3.1	0.0	9	44	10 4 108 90
38001 FORT SEVCENKO	4433N	05015E	-20	1027.9	1024.9	0.8	2.9	4.0	-0.4			144 130
38262 CIMBAJ	4257N	05949E	66	1018.4	1027.0	-2.0	2.1	4.0	1.1	3	2	-8 2 67
38413 TAMDY	4144N	06437E	220	997.6	1027.7	-0.5	0.9	4.1	0.7	4	16	-1 3 138
38457 TASKENT	4116N	06916E	428	967.4	1028.1	-0.8	-3.0	4.2	-0.5	8	33	-18 2 132 105
38507 KRASNOVODSK	4002N	05259E	89	1015.0	1025.2	2.8	-0.3	4.4	-0.7	2	2	-12 1 160 55
38687 CARDZOU	3905N	06336E	193	1002.4	1026.6	1.9	-0.8	4.3	-0.6	2	4	-11 1 201 65
38880 ASHABAD	3758N	05820E	228	997.7	1026.2	2.8	-1.5	4.9	-0.6	7	27	0 3 151 50
SAUDI ARABIA												
40356 TURAIF	3141N	03840E	818	924.1	1512 Y	8.3		5.6		2	3	
40357 ARAR	3054N	04108E	552	955.7	1021.1	8.3		5.7		2	36	
40360 GURIAT	3125N	03716E	504	960.5	1020.3	9.9		5.7		1	5	241
40361 AL-JOUF	2947N	04006E	689	941.0	1022.1	10.9		4.7		2	16	
40362 RAFHA	2938N	04329E	447	967.4	1020.6	10.4		5.8		3	9	
40373 HAFR AL-BATIN	2820N	04607E	360	977.6	1020.4	11.5		5.6		6	195	
40375 TABUK	2822N	03638E	776	930.7	1020.7	10.3	-2.5	4.2	-2.5	0	0	-7 3 262
40394 HAIL	2726N	04141E	1013	905.4	1532 Y	15.7	3.8	5.8	-0.6	2	54	44 6
40400 WEJH	2612N	03628E	21	1014.9	1017.3	17.7	-1.2	9.3	-2.2	2	2	1 4 239
40405 GASSIM	2618N	04346E	650	943.4	1018.9	11.7	-2.1	9.0	2.1	10	78	72 6
40416 DHAHRAN	2616N	05009E	17	1016.9	1019.0	14.7	-2.7	10.0	-3.8	0	1	-16 2
40420 AL AHSA	2517N	04929E	177	998.7	1019.7	15.7		7.5		1	3	
40430 MADINAH	2433N	03942E	636	944.1	1016.5	17.3	-2.4	6.2	-0.8	3	4	3 5
40437 KING KHALED INTL AIRPORT	2456N	04643E	612	949.7	1020.9	13.3		4.4		0	T	
40438 RIYADH	2443N	04643E	612	948.1	1020.8	14.3	-2.0	4.5	-2.5	0	1	-9 3
40439 YENBO	2409N	03804E	6	1014.8	1015.7	19.2		11.9		2	4	
41024 JEDDAH (KING ABDUL AZIZ IAP)	2140N	03909E	18	1013.0	1013.8	21.3		13.6		1	1	
41030 MAKKAH	2129N	03950E	310	986.9	1022.6	22.3		13.5		1	7	
41036 TAIF	2129N	04033E	1454	856.4	1517 Y	13.0		8.9		1	1	265
41055 AL BAHA	2018N	04138E	1662	837.5	1532 Y	17.0		8.7		0	0	283
41062 SULAYEL	2028N	04537E	614	947.9	1019.9	18.7		5.9		0	0	
41112 ABHA	1814N	04239E	2093	793.7	1506 Y	13.6		10.4		4	9	
41114 KHAMIS MUSHAIT	1818N	04248E	2054	798.2	1518 Y	14.7		9.7		0	T	273
41136 SHARURAH	1728N	04707E	722	934.2	1014.8	20.5		6.8		0	0	214

ASIA-SAUDI ARABIA

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
ASIA	0	0	m		mb	mb	°C	°C	mb	mb	m	m	m	hr
SAUDI ARABIA														%
41140 GIZAN	1654N	04235E	3		1012.4	1012.7	25.9		23.9		0	0		
KUWAIT														
40582 KUWAIT INTL AIRPORT	2913N	04759E	55		1015.0	1022.0	11.9		6.7		3	10		207 95
AFGHANISTAN														
40911 MAZAR-I-SHARIF	3642N	06712E	378	28	979.2	1026.0	2.5	-2.2	4.9	-1.6	9	9	-31	0 116
40942 CHAKHCHARAN	3432N	06516E	2230	28	775.8	1428 Y	-12.9	-5.6	1.7	-1.1	11	36	4	3 105
40948 KABUL AIRPORT	3433N	06913E	1791	28	822.0	1528 Y	-1.4	-0.4	3.3	-0.6	9	51	-8	3 109
BAHRAIN														
41150 BAHRAIN MUHARRAQ	2616N	05037E	2	28	1020.0	1020.2	15.6	-2.7	11.9	-3.5	0	T	-15	2
QATAR														
41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	10		1018.1	1019.0	16.4		12.1		1	2		226
UNITED ARAB EMIRATES														
41216 ABU DHABI BATEEN AIRPORT	2426N	05428E	3		1017.5	1018.0	18.5		13.4		3	7	3	242 105
OMAN														
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15		1016.1	1017.7	21.5		15.4		3	5		
41268 SUR	2235N	05931E	5		1015.9	1017.4	22.3		18.1		1	7		
41288 MASIRAH	2040N	05854E	19		1014.7	1016.9	23.3		19.4		1	2		5
41314 THUMRAIT	1740N	05402E	467		966.3		20.8		10.7		0	0		
41316 SALALAH	1702N	05405E	22		1013.6	1016.3	24.3		15.7		0	T	3	
DEMOCRATIC YEMEN														
41467 ADEN KHORMAKSAR	1250N	04502E	3		1015.4	1015.7	25.9		25.9		8	273		
PAKISTAN														
41530 PESHAWAR	3401N	07135E	360		973.8	1015.2	12.6	-0.7	6.5	-2.2	2	11	-31	1 101
41560 PARACHINAR	3352N	07005E	1726		826.1	1498 Y	4.0	-2.3	4.5	-0.3	8	37	-39	2
41598 JHELUM	3256N	07343E	234		987.0	1014.3	14.2	-0.3	8.9	-0.9	4	9	-42	0
41620 ZHOB	3121N	06928E	1407		858.0	1482 Y	5.8	-3.6	3.5	-1.5	3	7	-18	2
41624 DERA ISMAIL KHAN	3149N	07055E	173		994.7	1014.6	14.6	-0.4	6.4	-3.1	1	1	-16	1
41640 LAHORE CITY	3133N	07420E	215		989.0	1014.4	15.3	-0.3	7.5	-2.1	2	9	-9	3 104
41660 QUETTA AIRPORT	3015N	06653E	1589		842.0	1511 Y	4.7	-1.8	4.4	-1.4	5	30	-9	3 89
41675 MULTAN	3012N	07126E	123		999.9	1014.9	14.2	-2.1	7.1	-2.4	0	0	-7	2
41712 DAL BANDIN	2853N	06424E	850		1509 Y		10.4	-2.6	4.4	-1.2	2	21	6	4
41715 JACOBABAD	2818N	06828E	56		1007.9	1014.6	17.2	-1.2	7.0	-2.6	0	0	-6	0
41739 PANJGUR	2658N	06406E	981		1516 Y		10.2	-2.9	9.7	-2.5	0	0	-13	2
41756 JIWANI	2504N	06148E	57		1009.3	1015.7	20.2		10.2	-5.1	0	0	-18	2
41765 HYDERABAD	2523N	06825E	30		1011.1	1014.6	21.0	-0.1	9.5	-1.1	0	0	-3	3
41768 CHHOR	2531N	06947E	.6		1012.7	1013.9	17.3		10.6		0	0		
41780 KARACHI AIRPORT	2454N	06708E	22		1012.4	1015.0	20.4	0.0	11.7	-0.3	2	8	-1	4 91
INDIA														
42027 SRINAGAR	3405N	07450E	1587		841.6	1505 Y	4.5	0.8	5.9	-0.1	8	70	2	4 120 105
42071 AMRITSAR	3138N	07452E	234		987.1	1014.7	12.5	-1.9	9.3	-1.1	1	7	-15	2 221 102
42147 MUKTESWAR KUMAON	2928N	07939E	2311	28	773.8	3121 Z	6.3	-1.3	5.1	-0.2	4	27	-20	3
42165 BIKANER	2800N	07318E	224			1016.1	17.5	-0.1	5.5	-3.2	0	0	-8	3
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		988.7	1014.1	16.2	-1.0	8.7	-1.5	1	4	-11	3 246 100
42261 AGRA	2710N	07802E	169	28	993.5	1012.8			9.0	-2.0	0	0	-12	2
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1000.5	1013.5	17.3	-0.9	14.7	-0.1	10	118	67	5
42339 JODHPUR	2618N	07301E	224		988.7	1013.6	19.3	-0.8	9.5	1.7	0	T	-3	3
42391 DARBHANGA	2610N	08554E	49		1007.8	1013.0	16.8	-2.2	13.4	-1.8	2	19	11	5
42410 GAUHATI	2606N	09135E	54		1006.1	1012.5	18.3	-1.1	14.1	-0.7	3	44	32	6
42452 KOTA AERODROME	2509N	07551E	274			1013.9	20.6		8.0		0	0		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98	28	1003.6	1013.5	18.7	-0.5	10.1	-1.9	0	0	-15	1
42515 CHERRAPUNJI	2515N	09144E	1313		867.9	1487 Y	12.1	-1.1	11.8	1.4				
42587 DAL TONGANJ	2403N	08404E	221		986.7	1012.7			9.0	-5.5	0	0	-16	1
42599 DUMKA	2416N	08715E	149		995.9	1010.4			10.0	-4.9	0	0	-12	1
42647 AHMADABAD	2304N	07238E	55		1007.7	1014.1	22.4	-0.2	12.1	1.2	0	0	-1	5 294 103
42671 SAGAR	2351N	07845E	551		950.6	1012.4	20.5	-0.1	7.3	-3.4	0	0	-12	2
42731 DWARKA	2222N	06905E	11		1013.5	1014.8	21.9	-0.2	19.0	1.2	0	0	-1	4

ASIA-INDIA

ASIA-INDIA

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL 3 mm	DEPARTURE 3 mm	QUINTILE %	TOTAL hr	% OF AV.		
ASIA																		
INDIA																		
42754 INDORE	2243N	0754E	567	9	949.7	1013.1	20.7	0.3	7.1	-1.9	0	0	-2	4				
42807 CALCUTTA/ALIPORE	2232N	08820E	6	1011.8	1012.6	23.0	-0.4	16.0	-0.4	1	20	-3	3	253	105			
42867 NAGPUR SONEGAON	2106N	07903E	310	977.4	1012.3	23.5	0.0	9.5	-2.6	0	0	-12	2	288	102			
42909 VERAVAL	2054N	07022E	8	1013.1	1014.1	21.7	-0.7	15.3	-2.1	0	0	-2	4					
42933 AKOLA	2042N	07702E	282	980.9	1012.8	23.8	-0.6	9.1	-1.3	0	0	-4	3					
42971 BHUBANESWAR	2015N	08550E	46	28	1007.1	1012.3	26.0	1.0	17.8	-1.3	0	0	-22					
43041 JAGDALPUR	1905N	08202E	553	951.2	1012.5	21.9	-1.3	10.5	-3.8	0	0	-9	3					
43057 BOMBAY/COLABA	1854N	07249E	11	1011.3	1012.5	24.7	-0.3	19.1	-0.7	0	0	-1	5	245	89			
43063 POONA	1832N	07351E	559	950.5	1012.9	21.1	-1.6	9.5	-2.1	0	0	0	5	296	105			
43128 HYDERABAD AIRPORT	1727N	07828E	545	951.9	1011.8	24.8	0.4	10.0	-4.6	0	0	-5	4	292	101			
43149 VISHAKHAPATNAM	1743N	08314E	3	1012.1	1012.5	26.2	0.5	22.4	-1.4	0	0	-9	3					
43185 MACHILIPATNAM (FRANCHPET)	1612N	08109E	3	28	1012.3	1012.6	25.0	-0.3	24.4	-0.4	0	0	-5	4				
43192 GOA/PANJIM	1529N	07349E	60	1004.7	1011.4	26.6	0.6	21.1	-1.1	0	0	0	5					
43198 BELGAUM/SAMBRA	1551N	07437E	747	929.5	1010.9	23.9		8.0		0	0							
43279 MADRAS/MINAMBAKKAM	1300N	08011E	15	28	1011.1	1012.9	25.3	-0.6	22.5	-1.2	0	0	-4	4	108			
43295 BANGALORE	1258N	07735E	921	911.1	1525	23.4	0.3	10.5	-3.7	0	0	-7	3	272	108			
43314 KOZHIKODE	1115N	07547E	5	1011.1	1011.7	27.4		26.1		0	0	0	3					
43333 PORT BLAIR	1140N	09243E	79	1003.5	1012.2	23.6	-2.7	24.9	-0.6	0	0	-21	1	277	102			
43363 PAMBAN	0916N	07918E	11	28	1011.1	1012.3	25.9	-0.9	23.5	-4.0	0	0	-20	2				
43369 MINICOY	0818N	07309E	2	1011.5	1011.7	27.3	0.6	26.6	-0.6	0	0	-25	1					
43371 TRIVANDRUM	0829N	07657E	64	1004.2	1011.5	26.8	-0.5	23.8	-1.1	0	0	-25	1	263	106			
SRI LANKA																		
43413 MANNAR	0659N	07955E	3	1011.7	1012.1	25.9	-0.9			0	0	-38	1					
43418 TRINCOMALEE	0835N	0815E	7	1003.4	1012.0	26.9	0.2			1	28	62	3					
43466 COLOMBO	0654N	07952E	7	1010.7	1011.5	26.7	0.1	25.5	-1.1	1	6	-88	1	248				
43497 HAMBANTOTA	0607N	08108E	20	1009.0	1010.8	26.1	-0.4	28.0	1.7	3	48	-9	3					
MONGOLIA																		
44214 ULCI	4858N	08958E	1714	826.7	1033.4	-13.9		1.3		1	1							
44231 MUREN	4938N	10010E	1288	871.2	1033.3	-19.3		0.9		0	0							
44239 BULGAN	4848N	10333E	1210	880.8	1033.1	-16.7		1.2		0	0							
44259 CHOIBALSAN	4804N	11430E	756	934.4	1027.6	-12.1		1.6										
44272 ULIASTAI	4745N	09651E	1753	821.6	1034.9	-18.2		1.1		2	4							
44277 ALTAI	4624N	09615E	2147	778.5	1028.2	-16.0		1.3		0	0							
44288 ARBAIHER	4616N	10247E	1813	815.9	1029.9	-12.4		1.2		2	7							
44292 ULAN-BATOR	4756N	10659E	1338	870.1	1033.7	-15.8		1.3		1	2							
44341 MANDALGOVI	4546N	10617E	1398	860.7		-12.8		1.4		1	2							
44354 SAINSHAND	4454N	11007E	936	912.4	1028.3	-10.4		1.6		0	1							
44373 DALANZADGAD	4335N	10425E	1470	853.7	1029.6	-9.3		1.3		0	T							
HONG KONG																		
45005 ROYAL OBSERVATORY	2218N	11410E	62	1011.5	1019.0	16.6	0.7	14.2	-0.1	1	3	-39	1	149	132			
MACAU																		
45011 MACAO	2212N	11332E	59	1011.7	1018.8	15.7	0.4	13.7	-0.2	0	1	-45	1					
DPR KOREA																		
47014 CHUNGGANG	4147N	12653E	332	983.8	1025.6	0.0		2.8		1	4		2					
47016 HYESAN	4124N	12810E	714	935.6	1025.2	-8.3		2.4		0	1							
47025 KIMCHAEK	4040N	12912E	23	1019.9	1022.9	0.0		4.4		1	4							
47035 SINUIJU	4006N	12423E	7	1024.8	1025.7	-0.5		2.9		1	8		4					
47055 WONSAN	3911N	12726E	36	1018.5	1023.1	1.0		4.2		6	23		3					
47058 PYONGYANG	3902N	12547E	38	1020.0	1024.9	-0.3		4.0		4	24		5					
47069 HAEJU	3802N	12542E	81	1013.6	1023.8	-1.5		0.4		25			5					
REPUBLIC OF KOREA																		
47105 KANGNUNG	3745N	12854E	27	1019.2	1022.6	3.7	2.7	5.2	1.1	8	185	115	5	157	83			
47112 INCHON	3729N	12638E	70	1014.8	1023.6	0.2	1.6	4.5	0.7	5	36	-1	4	179	91			
47159 PUSAN	3506N	12902E	71	1012.8	1021.5	6.0	2.9	6.2	1.7	9	126	90	6	131	69			
47165 MOKP'0	3447N	12623E	56	1016.3	1023.4	4.4	1.8	6.0	0.7	10	98	43	5	112	74			
JAPAN																		
47401 WAKKANAI	4525N	14141E	11	1013.8	1015.2	-2.4	2.8	3.3	0.3	7	21	-50	1		176			
47407 ASAHIKAWA	4345N	14222E	116	28	1001.9	1016.8	-4.7	3.0	3.4	0.6	5	20	-48	1	121			

ASIA-JAPAN

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	% OF AV.				
ASIA																		
JAPAN																		
47409 ABASHIRI	4401N	14417E	43	28	1010.3	1015.8	-3.8	3.4	-3.3	0.5	5	13	-25	1	111			
47412 SAPPORO	4303N	14120E	19		1014.3	1016.7	-1.4	2.8	3.5	0.2	8	28	-64	0	112			
47420 NEMURO	4320N	14535E	26		1012.0	1015.4	-2.5	2.9	3.5	0.2	3	7	-34	0	102			
47426 URAKAWA	4210N	14247E	33	28	1012.3	1016.5	-1.0	2.0	3.8	0.4	3	14	-27	0	118			
47582 AKITA	3943N	14006E	10		1018.2	1019.4	1.9	2.2	4.8	0.3	10	74	-25	1	125			
47585 MIYAKO	3939N	14158E	47		1012.1	1018.0	1.4	1.2	4.4	0.5	5	73	0	4	96			
47590 SENDAI	3816N	14054E	43		1013.2	1018.6	3.3	2.0	5.0	0.6	5	56	7	4	89			
47600 WAJIMA	3723N	13654E	6		1018.7	1020.5	4.3	1.6	6.1	0.6	23	153	-12	2	130			
47604 NIIGATA	3755N	13903E	6	28	1019.2	1020.0	4.4	2.2	5.7	0.4	12	139	12	4	105			
47605 KANAZAWA	3633N	13639E	28	28	1017.0	1020.5	5.0	1.9	6.6	0.7	17	256	57	5	110			
47618 MATSUMOTO	3615N	13758E	611		945.6	1019.5	1.9	2.3	5.1	1.1	10	116	70	6	85			
47624 MAEBASHI	3624N	13904E	113	28	1004.6	1018.6	5.2	1.7	5.3	0.9	9	100	70	6	94			
47636 NAGOYA	3510N	13658E	56	28	1012.2	1019.1	6.9	2.6	6.6	1.1	11	158	96	6	101			
47648 CHOSHII	3543N	14051E	28	28	1014.4	1017.8	8.0	1.7	7.4	1.2	12	176	72	5	88			
47655 OMAEZAKI	3436N	13813E	47	28	1011.9	1017.5	8.7	2.0	7.8	1.5	10	290	198	6	80			
47662 TOKYO	3541N	13946E	36		1013.8	1018.2	7.5	2.1	6.0	1.1	11	107	44	5	90			
47678 HACHIJOGIMA	3306N	13947E	80		1007.5	1017.2	12.3	1.9	10.4	1.5	13	157	-43	2	93			
47744 YONAGO	3526N	13321E	8		1019.9	1020.9	5.8	1.6	7.2	1.1	19	271	126	6	72			
47765 HIROSHIMA	3422N	13226E	30	28	1014.3	1020.9	7.1	2.2	7.0	1.0	11	158	93	6	88			
47772 OSAKA	3441N	13531E	50	28	1014.0	1020.2	7.6	2.1	7.2	1.4	14	196	136	6	75			
47778 SHIONOMISAKI	3327N	13545E	75		1009.5	1018.6	10.3	2.2	8.4	1.7	11	153	38	4	86			
47800 IZUHARA	3412N	12918E	22	28	1018.4	1021.2	7.6	1.9	7.8	1.7	10	241	140	5	72			
47807 FUKUOKA	3335N	13023E	14		1019.0	1020.7	8.7	2.3	8.0	1.5	10	151	76	5	106			
47815 OITA	3314N	13137E	13	28	1018.9	1020.5	8.0	2.0	7.9	1.4	8	80	8	3	95			
47817 NAGASAKI	3244N	12952E	35	28	1016.4	1020.7	9.2	2.1	8.5	1.4	8	192	105	6	101			
47827 KAGOSHIMA	3134N	13033E	5		1019.3	1019.9	11.1	2.9	9.3	1.3	8	223	116	5	99			
47830 MIYAZAKI	3155N	13125E	7	28	1019.0	1019.9	10.0	1.9	9.2	1.6	7	108	15	4	88			
47893 KOCHI	3333N	13332E	18	28	1017.3	1019.5	8.9	2.1	7.9	1.5	10	157	61	4	80			
47898 SHIMIZU/ASHIZURI	3243N	13301E	33		1015.4	1019.3	11.2	2.2	9.0	1.7	8	156	32	4	89			
47909 NAZE	2823N	12930E	7		1018.7	1019.6	16.3	1.6	13.2	1.3	12	115	-51	2	120			
47918 ISHIGAKIJIMA	2420N	12410E	7		1018.4	1019.2	19.1	0.7	16.7	0.2	5	34	-64	1	123			
47927 MIYAKOJIMA	2447N	12517E	41	28	1014.5	1019.3	18.5	0.8	16.0	0.0	5	26	-104	0	117			
47936 NAHA	2612N	12741E	53		1013.3	1019.6	17.7	1.4	14.2	0.2	8	20	-98	0	111			
47945 MINAMIDAITOJIMA	2550N	13114E	15		1017.4	1019.2	18.2	0.7	14.9	0.0	6	16	-65	1	141			
BURMA																		
48042 MANDALAY	2159N	09606E	76		1004.5	1013.4	24.1	0.9	14.3	-1.1	0	0	-1	4				
48062 AKYAB	2008N	09253E	5		1013.7	1014.4	29.9	7.9	18.5	0.9	0	0	-7	4				
48097 RANGOON	1646N	09610E	15		1012.0	1014.4	22.7	-3.2	19.5	-0.7	0	0	-3	4				
THAILAND																		
48327 CHIANG MAI	1847N	09859E	314		975.7	1011.2	23.4	0.3	16.1	-1.7	0	0	-6	3	278	105		
48354 UDON THANI	1723N	10248E	182		990.7	1011.4	25.0	0.2	18.7	-0.3	0	0	-15	0				
48378 PHITSANULOK	1647N	10016E	45		1005.5	1010.7	27.8	0.9	22.1	-0.4	0	0	-13	2	257			
48400 NAKHON SAWAN	1548N	10010E	35		1006.5	1010.6	28.8	1.0	23.1	0.2	0	0	-26	0	238			
48431 NAKHON RATCHASIMA	1458N	10205E	188		989.8	1011.1	26.9	0.6	20.5	-1.2	0	0	-25	0				
48455 BANGKOK	1344N	10034E	20		1007.2	1011.3	28.1	0.4	28.5	0.0	9	-16	3	225				
48462 ARANYAPRATHET	1342N	10235E	49	28	1005.9	1011.2	28.4	0.7	24.0	-0.2	2	3	-26	2				
48480 CHANTHABURI	1236N	10207E	4		1011.0	1011.4	27.1	0.2	28.0	0.7	2	28	-13	3	230			
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1010.8	1011.5	25.2	-0.7	26.1	-0.6	2	18	-36	2	241			
48517 CHUMPHON	1029N	09911E	5		1010.9	1011.6	26.4	0.3	28.0	0.9	2	21	-55	1	277			
48568 SONGKHLA	0712N	10036E	5		1010.5	1011.2	26.9	-0.3	25.3	-1.8	1	13	-25	3	264			
LAO PDR																		
48930 LUANG-PRABANG	1953N	10208E	305		979.3	1013.8	23.8	1.7	17.9	-0.1	0	0	-21	2				
48938 SAYABOURY	1914N	10144E	326	28	989.3	1008.9	23.0	0.6	18.7	-0.1	0	T	-18					
48940 VIENTIANE	1757N	10234E	171		993.5	1013.1	24.4	0.8	19.0	0.5	0	0	-16	0				
48948 SENO	1640N	10500E	184	28	992.1	1013.1	26.7	3.5	18.4	1.8	0	T	-19	3				
48955 PAKSE	1507N	10547E	102		1000.5	1011.3	26.2	0.0	19.2	-0.7	0	0	-12	3				
CHINA																		
51076 ALTAY	4744N	08805E	737		940.9	1036.0	-13.4	1.7	1.7		1	3	-11	1	171	90		
51431 YINING	4357N	08120E	663		947.9	1032.1	-8.3	-1.3	2.7		6	19	1	4	186	110		
51463 URUMQI	4347N	08737E	919		918.7	1035.0	-11.9	0.3	1.9		5	12	4	5	98	60		
51709 KASHI	3928N	07559E	1291		873.6	1025.1	-0.3	1.3	2.8		0	T	-7	2	170	105		

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
ASIA															
CHINA	0°	0°	m	m	mb	mb	°C	°C	mb	mb	m	m	m	hr	%
51777 RUOQIANG	3902N	08810E	889	918.8	1027.2	-2.7	0.0	1.7	0	0	-14	216	110		
51828 HOTAN	3708N	07956E	1375	863.3	1023.2	0.0	0.4	2.3	0	0	-33	188	120		
52203 HAMI	4249N	09331E	739	936.4	1028.1	-4.7	1.1	1.5	0	0	-14	221	100		
52533 JIUGUAN	3946N	09829E	1478	854.1	1029.3	-5.9	0.0	1.6	0	0	-31	234	115		
52836 DULAN	3618N	09806E	3192	685.1		-7.2	0.1	1.3	0	0	-241	216	95		
52889 LANZHOU	3603N	10353E	1518	849.4		-1.8	0.5	3.3	5	8	65	149	80		
54292 YANJI	4253N	12928E	178	1001.7	1024.8	-6.4	4.8	1.8	0	0	-511	203	105		
54342 SHENYANG	4146N	12326E	43	1020.8	1026.4	-3.1	5.4	2.3	2	4	-23	166	90		
54511 BEIJING	3956N	11617E	55	1020.4	1027.1	1.6	3.8	3.0	0	0	-81	180	90		
54857 QINGDAO	3604N	12020E	77	1017.0	1026.8	2.0	2.3	4.4	1	1	-111	157	.85		
55591 LHASA	2940N	09108E	3650	646.2		2.2	1.1	1.3	0	0	-14	209	95		
56137 QAMDO	3109N	09710E	3307	675.6		0.7	0.4	1.9	1	2	-33	168	100		
56294 CHENGDU	3040N	10401E	508	962.3	1023.8	5.6	-1.9	7.7	6	13	244	40	60		
56571 XICHANG	2754N	10216E	1599	835.6		11.9	0.1	5.2	1	2	-52	206	95		
56739 TENGCHONG	2507N	09829E	1649	834.4		10.4	1.0	7.6	3	14	-123	182	85		
56778 KUNMING	2501N	10241E	1892	809.6		10.0	0.4	7.1	1	2	-92	191	80		
56985 MENGZI	2323N	10323E	1302	869.5	1014.2	13.5	-0.1	10.2	3	6	-63	201	100		
57036 XI'AN	3418N	10856E	398	978.0	1027.5	1.6	-0.4	5.3	9	35	276	44	30		
57083 ZHENGZHOU	3443N	11339E	111	1013.8	1027.9	2.1	0.0	4.6	5	26	135	106	65		
57461 YICHANG	3042N	11118E	134	1010.1	1026.9	5.0	-1.5	6.3	7	71	486	49	50		
57745 ZHIJIANG	2727N	10941E	273	991.0	1024.8	4.5	-1.7	7.0	13	60	174	23	45		
57993 GANZHOU	2551N	11457E	125	1007.6	1023.0	8.8	-0.5	9.4	9	68	-33	68	80		
58367 SHANGHAI	3110N	12126E	7	1024.5	1025.3	5.6	1.3	7.1	9	91	284	110	90		
58606 NANCHANG	2836N	11555E	50	1018.3	1024.0	6.1	-0.3	7.7	9	142	665	65	75		
59287 GUANGZHOU	2308N	11319E	8	1018.8	1019.7	14.9	1.1	12.8	2	5	-470	101	115		
59316 SHANTOU	2324N	11641E	3	1019.1	1020.0	14.5	1.1	13.0	1	3	-381	133	125		
59431 NANNING	2249N	10821E	73	1010.5	1019.3	12.9	-0.6	12.3	7	26	-162	69	95		
59758 HAIKOU	2002N	11021E	15	1015.5	1017.2	17.7	0.0	17.8	4	8	-242	130	115		
AFRICA															
MADEIRA															
08522 FUNCHAL	3238N	01654W	56	1017.3	1024.0	17.3		12.0	6	37		140	85		
CAPE VERDE															
08594 SAL	1644N	02257W	55	1009.8	1016.6	20.4	-0.6	17.2	-0.7	0	0	-34	85	75	
SPAIN (CANARY ISLANDS)															
60020 SANTA CRUZ DE TENERIFE	2828N	01615W	46	1017.5	1021.8	18.0	0.2	14.1	0.7	7	35	-63	145	79	
WESTERN SAHARA															
60096 VILLA CISNEROS	2342N	01552W	10	1016.9	1018.2	17.9	-0.4	15.4	-1.1	1	2	15	94	100	
MOROCCO															
60150 MEKNES	3353N	00532W	549	958.9	1023.8	11.7	0.6	10.1	0.0	9	66	-242	152	84	
60155 CASABLANCA	3334N	00740W	62	1016.5	1023.4	13.2	-0.1	13.1	0.3	6	35	-253	171	96	
60230 MARRAKECH	3137N	00802W	466	968.0	1023.0	13.4	0.3	10.6	0.6	4	25	-113	164	78	
60250 AGADIR	3023N	00934W	23	1019.0	1021.8	17.2	2.3	11.1	-1.7	2	11	-292	179	77	
60265 OUARZAZATE	3056N	00654W	1140	894.8	1563	9.8	-1.9	7.1	1.2	5	55	445	198	84	
ALGERIA															
60351 JIJEL	3650N	00547E	2	1023.3	1024.0	13.1		10.3					100	65	
60355 SKIKDA	3656N	00657E	7	1024.2	1024.4	12.5	1.1	0.5	-9.2						
60360 ANNABA	3650N	00749E	4	1023.4	1023.9	7.9	-3.4	9.6	-0.7	6	53	-262	200	132	
60367 EL-KALA	3654N	00827E	10	1023.7	1024.9	12.3		11.2		5	55				
60390 DAR-EL-BEIDA	3643N	00315E	25	1021.1	1024.1	11.8	0.5	10.4	0.6	4	25	-621	185	99	
60402 BEJAIA	3643N	00504E	2	1024.0	1024.3	12.0		9.6		5	14		172		
60419 CONSTANTINE	3617N	00637E	694	943.2	1025.2	7.8	0.9	7.4	0.1	5	44	-133	160	133	
60425 CHLEF	3613N	00120E	143	1007.9	1025.0	11.9		9.6		5	96		189		
60430 MILIANA	3618N	00214E	715	940.7	1025.0	10.1	1.3	7.6		10	92	74	181		
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928	917.4		6.6		6.6		5	22		165		
60445 SETIF	3611N	00525E	1081	905.6	1555	6.4		6.6		6	34		182	60	
60457 MOSTAGANEM	3553N	00007E	137	1006.7	1023.7	12.1		9.7		6	24		191		
60467 M'SILA	3540N	00430E	441	971.0	1023.5	10.0		6.1		5	8		102	65	
60490 ORAN/ES SENIA	3538N	00036W	90	1013.3	1024.3	12.1	0.5	9.9	-0.3	7	39	-153	184	115	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE				
AFRICA																		
ALGERIA																		
60511 TIARET	3515N	00126E	1127	911.5	1545	Y	6.8		6.5		7	28		190	65			
60515 BOU-SAADA	3520N	00412E	461	970.4	1025.4		9.9		7.3		1	3		171				
60518 BENI-SAF	3518N	00121W	68	1014.1	1022.4		13.3		11.9		5	19						
60522 MAGHNIA	3449N	00147W	426	974.2	1025.2		10.5		8.6		2	28		182	60			
60525 BISKRA	3448N	00544E	87	1014.1	1024.7		13.6	0.7	7.3	-0.4	2	7	-2	195	85			
60531 TLEMCEN (ZENATA)	3501N	00128W	247		1024.2		11.7		9.4		3	41		171				
60535 DJELFA	3441N	00315E	1144	893.2	1549	Y	6.2		5.6		3	8	-20	0	161	90		
60540 EL KHEITER	3409N	00004E	1000	908.4	1542	Y	7.2		6.6		2	5		178	60			
60549 MECHERIA	3456N	00026W	1149	894.4	1566	Y	7.7		5.6		3	6		167	55			
60550 ELBAYADH	3340N	00100E	1341	871.9	1552	Y	5.8		0.5		4			189				
60555 TOUGGOURT	3307N	00608E	85	1014.3	1024.6		12.4		7.0		1	T		212	70			
60559 EL OUED	3330N	00607E	63	1017.1	1024.7		12.7		8.3		0	T						
60560 AIN SEFRA	3246N	00036W	1058	901.1	1537	Y	8.7		5.7		6			192	65			
60566 GHARDAIA	3223N	00349E	450	970.2	1025.6		12.4		6.3		0	O		212	70			
60571 BECHAR	3137N	00214W	773	930.4	1552	Y	11.0	-1.3	5.3	-2.1	0	2	-6	3	207	84		
60581 HASSI-MESSAOUD	3140N	00609E	142	1007.0	1024.2		13.8	1.2	7.6	1.3	0	O						
60590 EL GOLEA	3034N	00252E	397	977.2	1024.4		13.1	0.8	7.1	-0.4	0	O	-2	0	232	89		
60607 TIMIMOUN	2915N	00017E	312	985.2	1022.1		14.4		5.0		0	O	-3	0	202	65		
60611 IN AMENAS	2803N	00938E	562	958.2	1023.3		11.8	-1.3	5.1	0.2	0	O	-1	0	265	102		
60620 ADRAR	2753N	00017W	263	988.9	1022.4		15.9	-0.1	4.9	-2.0	0	T	-2	4	253	93		
60630 IN SALAH	2712N	00228E	293	989.6	1021.1		17.1	0.5	5.4	-0.6	0	O	-7	0	263	100		
60640 ILLIZI	2630N	00825E	558	960.1	1023.1		14.7		4.9		0	O						
60656 TINDOUF	2740N	00808W	431	959.5	1021.1		15.3	-0.7	7.7	0.1	2	10		6	175	66		
60670 DJANET	2433N	00928E	1054	911.8	1551	Y	11.8		4.3		0	O	-2	4	287	106		
60680 TAMANRASSET	2247N	00531E	1378	868.8	1546	Y	13.6	-2.0	3.4	-1.0	0	O	-7	0	286	112		
TUNISIA																		
60715 TUNIS CARTHAGE	3650N	01014E	4	1023.0	1023.5		11.3	-0.3	10.1	-0.5	6	52	-6	3	178	105		
60725 JENDOUBA	3629N	00848E	144	1006.9	1024.5		10.5	0.2	9.3	-0.2	4	27	-22	2	178	110		
60735 KAIROUAN	3540N	01006E	68	1015.7	1024.0		12.4	0.1	9.4	0.9	4	16	-5	3	194	100		
60745 GAFSA	3425N	00849E	314	986.5	1024.3		10.8	-0.2	7.2	-0.2	22	9	4	188	85			
60765 GABES	3353N	01006E	5	1023.5	1024.1		13.4	0.6	9.6	1.8	2	6	-11	2	198	90		
NIGER																		
61017 BILMA	1841N	01255E	357	977.2	1018.8		16.7	-3.5	5.8	1.2	0	O	-T	0	291	105		
61024 AGADEZ	1658N	00759E	502	959.1	1016.4				3.5	-1.3	0	O	0	0	298	105		
61036 TILLABERY	1412N	00127E	210	989.7	1013.5		25.1	-2.5	4.3	-2.9	0	O	-T	0	241	90		
61043 TAHOUR	1454N	00515E	391	969.8	1014.1		22.7	-3.6	3.6	-1.7	0	O	0	5	245	90		
61045 GOURE	1359N	01018E	460	965.1	1015.3		20.6		3.6		0	O		5	248			
61049 N'GUIGMI	1415N	01307E	286	982.7	1015.6		20.3	-3.4	5.0	-0.8	0	O	-T	0	236	85		
61052 NIAMEY-AERO	1329N	00210E	227	987.3	1012.9		25.0	-2.3	6.1	-0.8	0	O	-T	0	259	100		
61075 BIRNI-N'KONNI	1348N	00515E	273	982.3	1013.3		23.6	-3.2	6.6	0.9	0	O	0	5	222	80		
61080 MARADI	1328N	00705E	373	971.5	1013.8		21.6	-3.4	4.2	-1.3	0	O	0	5	226	85		
61090 ZINDER	1347N	00859E	453	963.8	1015.1		21.4	-3.8	3.5	-1.6	0	O	0	5	236	90		
61091 MAGARIA	1259N	00856E	403	970.1	1016.2		20.2		5.0		0	O		5	254			
61096 MAINE-SOROA	1314N	01159E	337	976.4	1014.9		21.0	-3.6	4.0	-1.1	0	O	-T	0	261	95		
61099 GAYA	1153N	00327E	203	988.3	1011.2		26.2	-2.6	5.5	-3.7	0	O	-T	0	217	85		
MALI																		
61202 TESSALIT	2012N	00059E	491	961.1	1016.6				3.2	-1.8	0	O	0	5	220	82		
61214 KIDAL	1826N	00121E	459				20.4	-3.0	3.5	-2.9	0	O	0	5	227	85		
61223 TOMBOUCTOU	1643N	00300W	264	984.9	1014.9		23.3	-1.2	5.6	-1.1	0	O	0	5	205	70		
61226 GAO	1616N	00003W	260	985.2	1014.7		24.0	-1.4	3.6	-2.7	0	O	0	5	263	100		
61230 NIORO DU SAHEL	1514N	00921W	237	985.2	1011.9		26.0	0.4	3.8	-2.4	0	O	-1	0	209			
61233 NARA	1510N	00717W	265	983.0	1012.9		25.4		0		0	O	0	5	228			
61257 KAYES	1426N	01126W	47	1006.7	1012.0		27.2	-0.7	9.3	0.6	0	O	-1	5	227	97		
61265 MOPTI	1431N	00406W	272	982.6	1013.2		26.1	0.1	5.1	-1.6	0	O	0	5	262	116		
61270 KITA	1304N	00928W	334	973.7			27.4	-1.1	9.4	0.7	0	O	0	5	255	90		
61272 SEGOU	1324N	00609W	289	979.6	1011.9		26.3	-0.7	9.9	1.3	0	O	0	5	239	89		
61277 SAN	1320N	00450W	284	980.5	1012.3		26.3	-0.5	7.0	-1.4	0	O	0	5	251			
61285 KENIEBA	1251N	01114W	132				28.9	0.0	9.6	-0.5	0	O	0	5	230	90		
61291 BAMAKO/SENOU	1232N	00757W	381	968.9	1011.2		27.0	-0.7	6.9	-1.2	0	O	0	5	237			
61296 BOUGOUNI	1125N	00730W	351	971.9	1010.5		26.8	-0.7	8.9	-1.5	1	2	1	5	230	95		
61297 SIKASSO	1121N	00541W	375				26.5	-0.4	8.4	-2.3	0	O	-3	4	255	100		

AFRICA-MAURITANIA

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	% OF AV.				
AFRICA																	
MAURITANIA																	
61401 BIR MOGHREIN	2514N	01137W	360	976.6	18.3	-0.6	10.6	-1.6	1	6	3	4					
61415 NOURODHIBOU	2056N	01702W	3	1016.5	1017.0	18.8	-0.5	13.9	-0.8	0	T	-2	4 178				
61421 ATAR	2031N	01304W	224	990.4	1016.2	22.0	-0.1	9.1	2.0	3	15	13	5 161				
61437 AKJOUJT	1945N	01422W	120	1011.6	1016.6	23.4	-0.3	11.4	3.1	4	9	5	5 159				
61450 TIDJIKJA	1834N	01126W	402	969.9	1015.5	17.0	-5.7	5.8	-0.5	0	-6	0	0 153				
61461 BOUTILIMIT	1732N	01441W	75	1006.0	1014.6	25.1	0.8	7.5	-0.8	0	1	0	4 160				
61492 KAEDI	1609N	01331W	18	1012.6	1014.5	27.9		6.6		0	0	0	0 195				
61497 NEMA	1636N	00716W	269			26.6	-0.1			0	0	0	0 164				
61498 KIFFA	1638N	01124W	115	999.8	1012.9	26.2	1.6	7.1	-0.6	0	0	-1	0 190				
61499 AIOUN EL ATROUSS	1642N	00936W	223	987.8	1013.1	25.2	-0.8	4.3	-2.1	0	0	0	5 190				
SENEGAL																	
61600 SAINT-LOUIS	1603N	01627W	4	1012.7	1013.2	23.4	0.4	14.5	0.9	0	0	-1	0 146				
61612 PODOR	1639N	01458W	7	1012.7	1013.5	25.9	0.4	8.8	0.3	0	T	-3	4 163				
61627 LINGUERE	1523N	01507W	21	1009.8	1012.2	27.4	1.1	10.7	1.8	0	T	-2	5 223				
61630 MATAM	1539N	01315W	17	1010.6	1012.5	27.6	1.7	8.0	-1.1	0	T	-2	4 197				
61641 DAKAR/YOFF	1444N	01730W	24	1009.7	1013.1	20.4	-0.3	17.7	-0.4	0	0	-1	0 181				
61666 DIOURBEL	1439N	01614W	9	1011.0	1012.0	26.4	0.7	12.8	1.2	0	0	-1	0 227				
61679 KAOACK	1408N	01604W	7	1009.2	1012.6	27.7	1.0	19.7	7.9	0	0	-1	0 216				
61687 TAMBAOUNDA	1346N	01341W	50	1005.3	1011.0	28.4	0.5	7.6	-1.1	0	0	-1	0 225				
61695 ZIGUINCHOR	1233N	01616W	23	1008.9	1011.5	25.5	0.2	18.5	2.5	0	0	0	5 225				
61698 KOLDA	1253N	01458W	10			27.0	0.6	11.4	-1.9	0	0	-1	0 222				
61699 KEDOUGOU	1234N	01213W	167	999.1	1010.9	28.9	0.3	7.9	-2.9	0	0	-1	0 225				
GAMBIA																	
61701 BANJUL/YUNDUM	1321N	01648W	36	1008.3	1011.9	25.4	0.8	12.1	-1.7				180				
GUINEA-BISSAU																	
61766 BISSAU (AEROPORT)	1153N	01539W	36	1008.3	1010.8	27.0	1.1	17.9	0.6	0	0	-1	3				
61769 BOLAMA	1135N	01529W	20	1009.4	1011.9	26.9			0	0	-1	2					
GUINEA																	
61829 KANKAN	1023N	00918W	384	966.6	1009.2	25.5	-1.9	11.6	-1.6	2	9	-1	4 231				
SIERRA LEONE																	
61856 LUNGI	0837N	01312W	27	1005.4	1008.3	27.5	0.4	27.9	0.6	0	0	-5	0 181 80				
61866 BONTHE	0732N	01230W	8	28	1009.9	1010.8	27.5	-0.2	29.7	1.0	0	0	-23	0 60			
61878 NJALA	0806N	01206W	56	28	1001.0	1007.3	27.0	-0.3	28.1	1.0	10	11	-8	40			
61886 KABALA	0935N	01133W	464	28	960.9	1012.2	25.8	-1.1	18.8	0.8	1	17	8	4 129			
61891 DARU	0759N	01051W	186		988.7	1009.9	17.1	-9.7	15.5	-9.8	1	18	-22	2 179 101			
UNITED KINGDOM (OCEAN IS.)																	
61901 ST. HELENA IS.	1556S	00540W	436	965.1	1015.1	21.7	2.2	20.8		10	28	-55	1 221				
S. TOME (OCEAN ISLANDS)																	
61931 S. TOME	0023N	00643E	13	1008.2	1009.6	26.7	0.6	28.7	0.9	4	56	-27	2				
MAURITIUS																	
61974 AGALEGA	1026S	05645E	3	1009.8	1010.1	27.3	0.1	30.2	-0.6	15	229	12	3				
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1009.4	1009.7	28.0	0.2	29.9	-0.4	12	172	13	4				
61988 RODRIGUES	1941S	06325E	59	1004.7	1011.0	27.0	0.4	28.1	0.2	7	32	-129	1 299 125				
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57	1009.8	1015.7	26.2	0.3	28.4	0.2	17	201	-20	3 206 95				
SUDAN																	
62600 WADI HALFA	2149N	03129E	183	996.8	1018.8	17.7	0.5	6.1		0	0	-T	0 269 95				
62640 ABU HAMED	1932N	03319E	312	979.1	1015.8	20.4	-1.0	5.0	-1.5	0	0	-T	0				
62650 DONGOLA	1910N	03029E	226	991.4	1015.1	18.4	-0.9	6.7	-0.5	0	0	0	0				
62660 KARIMA	1833N	03151E	249	986.2	1016.9	18.6	-2.5	4.7	-1.5	0	0	-T	0				
62680 ATBARA	1742N	03358E	345	973.9	1014.0	20.0	-2.9	9.2	0.4	0	0	-T	0				
62721 KHARTOUM	1536N	03233E	380	969.0	1014.3	27.5	3.3	4.7	-2.8	0	0	-T	0				
62752 GEDAREF	1402N	03524E	599	943.1	1010.1	23.0	-3.9			0	0	0	5 272				
62762 SENNAR	1333N	03337E	418	963.8	1011.5	21.7				0	0	0	5				
62771 EL OBEID	1310N	03014E	574	940.9	1013.9	19.7	-2.9	4.2	-0.6	0	0	-T	0				
62795 ABU NA'AMA	1244N	03408E	445	960.2	1010.1	24.5	-2.2	6.5	0	0	-T	0	278				
62805 DAMAZINE	1147N	03423E	470	956.4	1010.5	26.7	-0.7	6.1	-2.5	0	0	0	0				

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN MM	TOTAL	MEAN	QUINTILE
AFRICA	0°	0°	0	mb	mb	°C	°C	mb	mb	mb	mm	mm	mm	%
SUDAN														
62810 KADUGLI	1100N	02943E	499		956.3	1012.3	22.6		4.5		0	0	5	
ETHIOPIA														
63021 ASMARA	1517N	03855E	2325	28	772.0		13.0	-3.2	7.1	-0.8				
63331 GONDAR	1232N	03726E	1966	28			14.2	-7.7	9.4	-0.1	1	1	-8	3
63402 JIMMA	0740N	03650E	1577		832.8		18.5	-1.6	13.2	-0.2	9	47	-11	2
63450 ADDIS ABABA	0859N	03848E	2324	28	766.9		16.4	-0.9	7.7	-2.4	6	75	38	5
63471 DIRE DAWA	0936N	04152E	1146	28	874.5		22.3	-1.1	14.6	-0.6	4	25	-10	4
DJIBOUTI														
63125 DJIBOUTI	1133N	04309E	19		1012.0	1014.1	25.8	0.3	23.8	-0.3	2	35	18	5
KENYA														
63619 MOYALE	0332N	03903E	1097	28			25.0	0.0	12.0	-3.0	2	48	29	5
63686 ELDORET	0032N	03517E	2133		789.9	1484	Y	17.6	9.8		4	46	4	319
63723 GARISSA	0028S	03938E	147		995.7	1011.8	29.4	-0.2	21.5	-1.7	0	1	-6	3
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		838.5	1502	Y	19.0	-1.2	11.3	1	30	-15	3
63799 MALINDI	0314S	04006E	23		1008.7	1011.3	27.5		26.7		0	0	-10	3
UNITED REPUBLIC OF TANZANIA														
63756 MWANZA	0228S	03255E	1140		887.1	1508	Y		20.0		11	67	-45	2
63832 TABORA AIRPORT	0505S	03250E	1190		881.9	1493	Y	22.5	-0.5	20.0	1.2	13	113	-26
63862 DODOMA	0610S	03546E	1120		890.1	1516	Y	23.2		20.2	7	107	-14	3
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1005.4	1011.6	27.8	0.2	27.5	1.5	0	0	-69	0
SEYCHELLES														
63980 SEYCHELLES INTL AIRPORT	0440S	05531E	3		1010.9	1011.3	26.9	-0.4	29.1		13	234	-102	2
RWANDA														
64387 KIGALI	0158S	03007E	1497		850.7	1501	Y	20.3		17.2	9	62		
CONGO														
64400 POINTE-NOIRE	0449S	01154E	17		1008.8	1010.8	26.5	-0.1	28.6		16	289	98	5
64402 MOUYONDZI	0359S	01355E	512		952.7	1009.2	23.3	-1.3	26.8	1.6	8	168	53	4
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		974.3	1009.4	25.5	-0.5	25.8	0.1			138	101
64453 DJAMBALA	0232S	01446E	790		922.5	1007.9	22.6	-0.8	23.0	-0.2	15	170	-19	2
64458 OUESSO	0137N	01603E	352		971.1	1010.4	25.4	-0.2	21.2	-4.8	1	16	-78	0
CENTRAL AFRICAN REPUBLIC														
64600 BERBERATI	0415N	01548E	583		944.8	1009.1	24.4	-0.8	13.5	-8.2	0	0	-42	0
64601 BOUAR	0558N	01538E	1020		889.2	1507	Y	23.9	-1.5	5.4	0	0	-21	2
64605 BOSSEMBELE	0516N	01738E	674		935.4	1008.6	24.3	-1.9	8.3	-9.1	0	0	-29	1
64610 BOSSANGOA	0629N	01726E	465		957.9	1009.1	24.6	-2.2	10.2	-4.2	0	0	-8	2
64650 BANGUI	0424N	01831E	366		968.1	1009.0	25.3	-1.7	13.1	-10.9	0	0	-40	1
64654 N'DELE	0804N	02039E	511		952.9	1008.9	27.4	-0.5	6.4	-7.0	0	0	-9	3
64655 BRIA	0632N	02159E	584		944.6	1008.3	25.0	-1.2	11.7	-5.0	0	0	-14	2
64658 BIRAO	1017N	02247E	464		960.5	1012.1	23.3	-2.4	6.9	-3.5	0	0	0	5
64661 YALINGA	0630N	02316E	602		942.2	1008.2	23.3	-2.0	11.5	-4.8	0	0	-18	1
64662 ALINDAO	0503N	02112E	449				26.1	-0.5	15.5	-5.7	1	7	-36	1
CHAD														
64700 NDJAMENA	1208N	01502E	295		979.6	1013.7	29.9	4.0	4.2	-3.0	0	0	0	5
64706 MOUNDOU	0837N	01604E	422		963.4	1010.4	25.2	-2.3	5.6	-3.5	0	0	0	5
64750 SARH	0909N	01823E	365		969.5	1010.3	25.7	-2.6	9.8	-1.2	0	0	-2	4
REPUBLIC OF CAMEROON														
64851 MAROUA-SALAK	1027N	01415E	422		961.0	1003.4	23.8	-3.3	8.1		0	0	0	5
64893 KOUNDJA	0539N	01045E	1210		879.7	1499	Y	22.4	-0.1	10.9	0	0	-35	0
64910 DOUALA OBS.	0400N	00944E	9		1008.7	1009.7	27.6	0.0	29.2		1	2	-73	0
64971 KRIBI	0257N	00954E	16		1008.0	1009.8	28.1	1.3	31.0					119
BENIN														
65306 KANDI	1108N	00256E	292		978.9	1011.6	25.9	-1.7	5.6	-4.3	0	0	-2	4
65319 NATITINGOU	1019N	00123E	461		960.2	1011.2	26.4	-1.8	6.6	-4.6	0	0	-5	4
65330 PARAKOU	0921N	00237E	393		957.1	1010.6	27.1	-1.4	7.8	-7.6	0	0	-13	3

AFRICA-BENIN

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	
AFRICA	0°	0°	m												
BENIN															
65335 SAVE	0759N	00226E	200	987.9	1010.1	28.6	-0.5	13.2	-10.9	0	0	-18.2	188		
65338 BOHICON	0710N	00204E	167	991.5	1010.3	28.1	-0.9	21.1	-6.4	0	1	-33.1	143		
65344 COTONOU	0621N	00223E	9	1009.6	1010.6	27.6	-0.7	27.9	-4.1	0	0	-36.0	142		
TOGO															
65351 DAPAON	1052N	00015E	330	28	974.2	1011.3	27.6		5.8		0	0	0		
65352 MANGO	1022N	00028E	146	994.2	1010.6	28.2	-1.1	10.4	-2.2	0	0	-5.0			
65361 SCKODE	0859N	00109E	387	967.3	1010.9	27.3	0.3	10.3	-6.6	0	0	-24.2			
65376 ATAKPAME	0735N	00107E	402	965.3	1010.4	27.5	-0.1	13.7	-8.9	0	1	-44.1	158	70	
65380 TABLIBGO	0635N	00130E	44	1005.5	1010.6	27.2	-1.4	23.9	-5.1	2	25	-5.4			
65387 LOME	0610N	00115E	25	1007.9	1010.7	27.8	0.1	29.6	-0.8	0	0	-32.0	143	65	
BURKINA FASO															
65501 DORI	1402N	00002W	277	982.0	1013.5	24.0	-2.2	7.0	-0.7	0	0	0.0	277		
65502 OUAHIGOUYA	1334N	00225W	336	974.7	1012.3	25.3	-1.8	5.5	-2.0	0	0	0.0	274		
65503 OUAGADOUGOU	1221N	00131W	306	977.8	1012.1	25.6	-2.2	6.1	-2.6	0	0	-2.0	255	100	
65507 FADA N'GOURMA	1202N	00022E	309	977.0	1011.6	25.8	-1.8	5.6	-2.5	0	0	0.0	242		
65510 BOBO-DIOULASSO	1110N	00419W	460	960.2	1011.6	26.7	-1.2	5.9	-2.6	0	0	-4.0	232		
65516 BOROMO	1145N	00256W	271	981.0	1011.4	26.5	-1.7	7.2	-1.1	0	0	-1.0			
65522 GAOUA	1020N	00311W	335	973.6	1010.8	27.7	-1.5	8.4	-3.6	0	0	-4.0	246		
COTE D'IVOIRE															
65528 ODIEENNE	0930N	00734W	421	963.1	1009.7	26.2	-1.0	11.8	-4.4	1	8	-7.3	219		
65536 KORHOGO	0925N	00537W	381	967.9	1010.0	28.2	-0.6	8.3	-5.3	0	0	-14.0	237		
65545 BONDOKOU	0803N	00247W	370	968.8	1010.0	28.0	0.4	11.0	-9.3	0	0	-41.0	168		
65548 MAN	0723N	00731W	340	972.6	1010.7	24.6	-1.1	19.5	-3.6	1	22	-36.2	200		
65555 BOUAKE	0744N	00504W	376	967.3	1010.3	28.1	0.5	15.1	-6.5	0	7	-40.2	207		
65557 GAGNOA	0608N	00557W	210	1010.4		26.8	-0.1	25.2	-2.0	3	33	-40.1	168		
65560 DALOA	0652N	00628W	277	979.1	1009.1	27.1		21.5		1	26	-43.1	160		
65562 DIMBOKRO	0639N	00442W	92	999.6	1009.9	28.6	-0.1	23.2	-3.4	0	0	-57.1	104		
65563 YAMOUSSOUKRO	0654N	00521W	213	985.6	1009.4	27.1		20.6		1	26		185		
65578 ABIDJAN	0515N	00356W	8	1009.2	1010.1	28.6	1.3	31.7	0.2	0	2	-57.1	181		
65592 TABOU	0425N	00722W	21			26.5	-0.1	29.8	-0.4	4	50	4.3	161		
65594 SAN PEDRO	0445N	00639W	30	1006.5	1009.8	27.0		30.3		2	66		70		
65599 SASSANDRA	0457N	00605W	66	1003.0	1010.5	27.2	0.6	30.7	0.6	2	44	8.4	172		
LIBERIA															
65660 ROBERTS FIELD	0615N	01021W	18	1009.5	1010.5	27.3	0.9	28.6	0.3	5	29	-23.2	136		
MADAGASCAR															
67025 ANTALAHIA	1453S	05015E	88	1000.4	1010.4	26.0	-0.1	28.2	-0.4	21	465	220.5	184	86	
67027 MAJUNGA	1540S	04621E	18	1000.0	1010.1	26.7	-0.5	29.8	0.0	15	371	-2.4	167	97	
67073 MAINTIRANO	1803S	04402E	23	1007.0	1009.6	26.0	-1.2	27.1	-2.3	22	602	335.6	163	68	
67083 ANTANANARIVO/IVATO	1848S	04729E	1276	872.8	1502	20.0	-0.7	18.6	-0.6	18	287	76.4	166	95	
67143 MANANJARY	1212S	04822E	6	1009.8	1010.5	25.8	-0.2	28.4	-0.7	20	596	245.5			
67161 TULEAR	2323S	04344E	8	1008.4	1009.3	26.6	-0.9	29.0	1.5						
MOZAMBIQUE															
67215 PEMBA	1258S	04030E	50	28	998.4	1009.6	26.4	-0.4	29.0	-0.1	11	143	-10.3	98	
67217 LICHINGA	1317S	03515E	1365	28			19.6	0.0	19.2	-0.3	20	247	16.4	66	
67237 NAMPULA	1506S	03917E	441	28	959.3	1009.1	24.8	-0.2	24.8	-0.2	14	146	-41.2	76	
67261 TETE	1611S	03335E	150	28	992.1	1009.3	25.7	-1.9	27.5	0.8	7	298	151	63	
67283 QUELIMANE	1753S	03653E	16	28	1007.6	1009.5	26.2	-1.3	28.6	-0.3	18	461	232.5	65	
67297 BEIRA	1948S	03454E	16	28	1007.4	1009.2	26.6	-0.8	26.9	-1.6	20	329	34.4	80	
67323 INHAMBARNE	2352S	03523E	15	28	1010.0	1011.6	26.7	0.0	25.3	-1.8	9	137	6.4	113	
67341 MAPUTO/MAVALANE	2555S	03234E	44	28	1007.9	1013.1	26.1	0.2	25.8	0.2	11	184	44.5	90	
ZAMBIA															
67475 KASAMA	1013S	03108E	1384		862.0	1502	19.6	-0.6	19.0	0.2	18	229	-3.3	102	94
67663 KABWE	1427S	02828E	1207		893.5	1482	22.3	1.5	21.7	1.8	18	318	118.5	129	90
67743 LIVINGSTONE	1749S	02549E	986		900.0	1479	22.1	-0.9	22.0	1.4	18	299	138.5	123	71
MALAWI															
67586 KAMUZU INTL.	1347S	03346E	1229	28	877.3	1494	20.4		20.3	18	196				

AFRICA-ZIMBABWE

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	% OF AV.		
AFRICA																
ZIMBABWE	0°	0°	3	8	mb	mb	°C	°C	mb	mb	days	mm	mm	%		
67775 HARARE (KUTSAGA)	1755S	03108E	1480	851.5	1491	Y	19.1	-1.1	18.8	1.1	18	229	71	4		
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344	864.8	1491	Y	21.1	0.1	17.7	0.6	15	113	0	3	131	65
SOUTH AFRICA																
68174 PIETERSBURG	2352S	02927E	1200	881.1	1509	Y	21.2	0.0	17.5	0.1	5	60	-4	3	172	81
68262 PRETORIA	2544S	02811E	1300	870.9	1508	Y	20.6	-0.7	16.9	0.5	13	199	113	5	159	67
68368 JAN SMUTS	2608S	02814E	1700	830.7	1503	Y	17.5	-1.3	15.1	0.2	14	173	77	5	115	49
68424 UPINGTON	2824S	02116E	800	921.8	1506	Y	24.4	-2.1	17.5	3.0	6	68	28	4	277	92
68438 KIMBERLEY	2848S	02446E	1200	881.1	1509	Y	21.2	-2.3	15.9	0.4	8	61	-5	3	215	81
68442 BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400	861.3	1513	Y	19.2	-1.9	16.2	0.5	17	173	83	5	159	60
68461 BETHLEHEM AIRPORT	2815S	02820E	1700	832.0	1518	Y	16.5	4.6	14.6	16	223		160		65	
68588 DURBAN (LOUIS BOTHA)	2958S	03057E	8	1012.3	1013.9		24.0	0.0	24.5	0.3	13	256	147	5	130	68
68816 CAPE TOWN (D.F. MALAN)	3359S	01836E	42	1007.4	1013.2		21.0	0.8	17.3	0.3	3	20	3	4	295	101
68828 GEORGE AIRPORT	3400S	02223E	193	990.6	1014.3		19.8	0.9	17.8		8	30	-41	1	228	120
68842 PORT ELIZABETH	3359S	02536E	60	1007.2	1014.5		21.4	0.5	20.2	0.1	6	33	-5	3	221	97
68858 EAST LONDON	3302S	02750E	125	999.5	1014.5		21.9	0.4	20.0	-0.9	7	41	-52	2	168	82
68906 GOUGH ISLAND	4021S	00953W	54	1008.7	1015.1		14.3	-0.2	12.7	-0.9	11	241	46	4	150	95
68994 MARION ISLAND	4653S	03752E	22	1012.2	1014.9		7.5	0.1	8.9	-0.1	11	138	-65	1	144	107
N AMERICA																
USA																
70026 BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4	1019.7	1020.3		-12.6	16.1	2.5	1.9	3	7	2	5		
70133 KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5	1023.9	1024.5		-7.9	12.6	2.9	1.9	9	31	23	6		
70200 NOME, AK.	6430N	16526W	7	1021.1	1021.9		-5.3	10.6	3.9	2.3	16	54	41	6		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46	1020.5	1026.0		-3.3	11.3	4.5	3.1	6	45	28	5		
70231 MCGRATH, AK.	6258N	15537W	103	1018.5	1032.5		-8.1	11.0	2.6	1.1	1	6	-10	2		
70261 FAIRBANKS/INTL, AK.	6449N	14752W	138	1015.6	1034.0		-15.9	4.1	2.0	0.8	6	25	14	5		
70273 ANCHORAGE/INTL, AK.	6110N	15001W	40	1028.6	1034.1		-8.0	-0.1	2.9	-0.3	1	4	-19	1		
70308 ST. PAUL, AK.	5709N	17013W	9	1013.7	1014.6		1.2	6.8	6.0	2.4	16	65	32	5		
70316 COLD BAY, AK.	5512N	16243W	31	1017.7	1021.7		3.7	6.3	5.8	1.5	14	102	44	5		
70326 KING SALMON, AK.	5841N	15639W	15	1026.5	1028.5		-1.8	7.9	4.5	1.2	5	24	2	3		
70361 YAKUTAT, AK.	5931N	13940W	9	1031.1	1032.3		-6.5	-4.1	3.7	-0.5	3	5	-25	0		
70398 ANNETTE ISLAND, AK.	5502N	13134W	34	1025.1	1029.4		-0.4	-2.9	4.3	-1.8	1	3	-257	0		
72201 KEY WEST/INTL, FL.	2433N	08145W	6	1021.2	1021.9		22.3	0.8	19.9		3	8	-46	1	260	105
72202 MIAMI, FL.	2549N	08017W	4	1022.0	1022.4		21.6	1.7	17.6	1.6	3	18	-34	1	269	130
72203 WEST PALM BEACH/INTL, FL.	2641N	08007W	6	1021.7	1022.5		20.3		16.7		3	25		2		
72205 ORLANDO/JETPORT/ FL.	2826N	08119W	32	1019.3	1023.1		18.0		14.3		2	4				
72206 JACKSONVILLE/INTL, FL.	3030N	08142W	9	1022.2	1023.2		14.8	1.6	12.6	1.9	2	45	-48	2	204	107
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15	1021.3	1023.0		13.4		11.4		3	17	0	1	155	85
72208 CHARLESTON/MUN., SC.	3254N	08002W	15	1020.9	1022.8		12.8	2.9	11.3	3.8	5	30	-56	1	156	80
72211 TAMPA/INTL, FL.	2758N	08232W	3	1022.5	1022.9		18.2		15.3		1	10	0	0	251	125
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21	1020.8	1023.2		13.5		12.3		4	74		2		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1009.5	1022.7		10.6	0.9	9.7		5	116	3	3	206	110
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45				10.2		9.4		7	82	2			
72219 ATLANTA/MUN., GA.	3339N	08425W	315	984.9	1022.6		8.6	2.2	8.5	2.3	11	109	-4	4	115	72
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67	1015.3	1023.3		12.2	0.1	12.0		5	37	-94	0		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1016.1	1023.6		10.4		10.0		6	73	2	124	70	
72231 NEW ORLEANS, LA	2959N	09105W	9	1022.3	1023.2		13.3	0.3	12.8	2.3	1	4	-137	0	221	130
72234 MERIDIAN/KEY, MS.	3220N	08845W	94	1012.8	1024.3		9.4		9.9		8	78	2			
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1012.2	1024.4		9.0		10.9		8	64		135	80	
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10	1022.6	1023.7		11.7		12.1		2	16		170		
72242 GALVESTON, TX.	2918N	09448W	16	1021.3	1023.3		12.2	-1.2	12.9		2	4	-57	1		
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1018.9	1022.8		11.5		12.1		6	23		79	50	
72248 SHREVEPORT/REG., LA.	3228N	09349W	79	1014.3	1023.7		7.7	-1.9	9.4		10	103	16	4	110	65
72250 BROWNSVILLE/INTL, TX.	2554N	09726W	6	1020.7	1021.3		16.2	-0.9	15.6	1.2	1	2	-37	1	129	85
72251 CORPUS CHRISTI/INTL, TX.	2746N	09730W	13	1020.5	1022.1		14.1		13.4		4	24	3	92	55	
72253 SAN ANTONIO/INTL, TX.	2932N	09828W	242	993.8	1022.5		10.9	-1.1	10.1	0.4	3	7	-40	1	114	65
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189	1000.9	1023.4		9.2		9.7		3	21	1	90	50	
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1018.8	1023.1		12.4		12.4		3	12				
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155	1005.2	1023.8		7.1		8.6		6	58	4			
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	1002.5	1024.4		5.7		7.2		5	94	5	128	70	
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582	953.9	1022.1		7.1		7.2		6	76	5			
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	920.5	1020.8		6.3	-2.2	5.8		3	33	16	5	170	
72266 ABILENE, TX.	3225N	09941W	534	958.4	1023.2		4.6	-4.3	6.1	-0.2	6	78	54	6	138	65

N AMER-USA

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	DEPARTURE DAYS TOTAL mm	MEAN DAYS 1 QUINTILE	DEPARTURE DAYS TOTAL hr
N AMERICA													
USA	0°	0°	#	Days Obs.									
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988	907.8	1021.9	3.6	5.0	4	26	5	144	65	
72270 EL PASO/INTL, TX.	3148N	10624W	1194	884.1	1017.4	10.8	1.6	5.2	1.1	1	18	7	5 241 90
72274 TUCSON/INTL, AZ.	3207N	11056W	779	928.1	1016.2	14.6	5.0			1	6	2	246 95
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337	977.5	1016.8	16.6	3.2	6.0	-0.7	0	0	-15	0 261 100
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1018.9	1020.0	13.7	-0.7	10.1	-1.2	4	18	-19	3 261 100
72295 LOS ANGELES/INTL, CA.	3356N	11824W	32	1016.2	1019.8	12.7	10.1			5	44	3	
72304 CAPE HATTERAS, NC.	3516N	07533W	3	1021.2	1021.6	10.1	2.5	10.3	2.2	9	54	-49	1 126 75
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1005.8	1022.2	6.1	7.7			12	163	6	93 50
72308 NORFOLK/INTL, VA.	3654N	07612W	9	1020.8	1021.8	6.4	7.3			14	165	6	127 70
72310 COLUMBIA, SC.	3357N	08107W	69	1013.8	1022.1	9.8	1.2	10.0		11	81	-22	2 129 70
72312 GREENVILLE/G-SPARTANBURG, SC.	3454N	08213W	296	986.7	1022.2	7.4	7.9			10	125		152 80
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	993.5	1021.8	7.7	7.7			11	119	4	156 80
72315 ASHEVILLE/REG., NC.	3526N	08233W	661	944.2	1021.8	4.3	0.3	6.6	1.2	10	117	35	4 151 80
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	989.4	1021.9	4.7	6.6			12	114	4	111 60
72324 CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	997.3	1022.8	6.2	7.5			12	182	5	119 75
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299	986.6	1022.4	5.0	7.4			13	158	5	
72327 NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	1001.9	1024.4	3.9	-0.8	6.9	0.9	10	238	136	5 126 85
72340 N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	1005.1	1025.2	2.9	-3.8	5.8	-0.6	11	229	132	5
72344 FORT SMITH/MUN., AR.	3520N	09422W	141	1008.7	1025.7	2.3	5.5			7	141	5	122 70
72353 OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	977.7	1025.8	0.6	-4.3	4.8	-0.6	7	56	23	5
72356 TULSA/INTL, OK.	3612N	09554W	206	1001.3	1026.7	-0.1	4.7			8	57	4	157 90
72365 ALBUQUERQUE/INTL, NM.	3503N	10637W	1620	838.6	1017.8	5.5	1.1	4.0	0.3	2	9	-1	3 200 90
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	941.7	1019.2	10.0	0.0	4.4	-0.5	1	2	-10	3 258 103
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100	1010.1	1022.0	9.3	8.8			5	30	3	173 90
72394 SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1012.2	1021.0	9.6	-1.7	9.0	-1.0	4	24	-50	3
72401 RICHMOND/BYRD, VA.	3730N	07720W	54	1015.3	1021.7	4.2	6.3			14	110	4	132 70
72405 WASHINGTON/NAT., VA.	3851N	07702W	20	1019.7	1022.1	3.1	-0.1	5.4	1.0	9	71	3	4 96 60
72406 BALTIMORE/B-WASHINGTON, MD.	3911N	07640W	47	1016.2	1021.8	2.5	5.4			10	85	4	107 65
72407 ATLANTIC CITY, NJ.	3927N	07434W	20	1018.5	1021.1	1.0	5.2			10	88	3	144 90
72408 PHILADELPHIA/INTL, PA.	3953N	07515W	9	1020.5	1021.6	1.6	0.6	4.8		7	83	14	4 116 75
72411 ROANOKE/MUN., VA.	3719N	07958W	358	978.5	1021.6	3.4	5.7			10	52	2	
72412 BECKLEY(RALEIGH CTY.MUN.), VA.	3747N	08107W	766	931.0	1022.8	0.5	5.4			14	83		
72414 CHARLESTON/KANAWHA, WV.	3822N	08136W	299	986.6	1023.1	1.6	5.4			10	154	5	
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	991.5	1024.1	-0.7	-2.1	4.7		10	119	50	5
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	986.5	1023.4	0.6	5.1			9	257	6	
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	1005.4	1024.1	1.1	5.0			8	229	6	160 105
72425 HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	992.0	1023.1	1.4	5.0			10	220		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	992.7	1024.0	-1.8	-1.2	4.2	0.6	8	79	25	4 142 110
72429 DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	986.2	1023.9	-2.5	-0.5	4.1	0.0	11	67	19	4 122 90
72432 EVANSVILLE/REG., IN.	3803N	08732W	118	1010.4	1025.0	0.3	4.9			7	178	5	157 100
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	1005.2	1026.4	-2.1	-2.8	3.8	-1.1	11	36	-19	2 147 90
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246	994.1	1024.6	-2.7	4.2			9	34	2	152 100
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	1003.7	1026.4	-6.5	3.4			9	32		149 95
72440 SPRINGFIELD/MUN., MO.	3714N	09323W	387	980.6	1026.1	-2.6	4.0			8	49	3	130 80
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274	992.3	1026.3	-4.9	-5.2	3.7	-0.6	9	40	-8	3 149 90
72446 KANSAS CITY, INTL, MO.	3919N	09443W	312	988.8	1028.2	-5.1	3.4			5	15		163 90
72450 WICHITA, KS.	3739N	09726W	408	977.0	1027.2	-2.5	-3.9	3.7	-0.1	4	10	-10	3 179 95
72451 DODGE CITY/MUN., KS.	3746N	09958W	790	931.3	1026.3	-3.7	-5.8	3.4		2	7	-6	2 185 90
72456 TOPEKA/MUN., KS.	3904N	09537W	270	994.6	1027.9	-5.1	-6.0	3.3		4	22	-5	3 197 115
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	972.3	1028.1	-5.6	-5.7	3.2		4	14	-9	3 171 90
72465 GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	893.3	1025.8	-5.2	2.9			1	4	2	
72469 DENVER/StAPLETON INTL, CO.	3945N	10452W	1625	837.6	1022.6	-5.3	-6.8	3.3	0.0	4	17	3	4 167 75
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	854.1	1022.2	-2.4	-3.5	4.2	-1.3	5	34	22	6 218 105
72483 SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8	1021.4		8.4	-2.3	7.7	-2.1	4	33	-41	2
72486 ELY/YELLAND, NV.	3917N	11451W	1909	809.0	1021.2	-4.3	-2.5	3.3	-0.3	4	15	-23	2 207 100
72488 RENO/INTL, NV.	3930N	11947W	1341	867.7	1021.2	-0.5	3.9			5	20	3	215 105
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5	1021.7	1022.2	9.1	-1.8	8.7	-0.7	5	33	-49	2
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1020.1	1021.3	1.2	1.2	4.6	0.7	6	71	-2	3 116 70
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1019.1	1021.1	-1.2	4.4			7	65	2	
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55	1014.1	1021.1	-1.9	3.9			7	47	1	115 65
72509 BOSTON/LOGAN INTL, MA.	4222N	07102W	9	1020.0	1021.0	-0.8	0.1	4.0	0.5	9	64	-30	2 97 55
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289	985.9	1021.8	-2.2	3.8			6	44		91 60
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	959.1	1020.4	-5.6	3.3			11	50		118 95
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117	1006.8	1021.3	-0.9	4.1			9	55	2	106
72518 ALBANY/ALBANY CO., NY.	4245N	07348W	89	1010.7	1021.9	-4.3	-0.7	3.4		9	41	-19	1 155 100

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	MM DEPARTURE	QUINTILE	TOTAL hr	% OF AV.
N AMERICA																
USA	0°	0°	0	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124	1006.2	1021.9	-5.2	3.4	9	43	2	95	80				
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373	976.8	1022.5	-2.4	-2.5	8	87	25	4	80	75			
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	977.0	1023.2	-3.8	3.9	10	52	3						
72525 YOUNGSTOWN, OH.	4116N	08040W	361	978.0	1023.0	-4.0	3.9	11	48	3						
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	995.1	1022.0	-5.2	-0.3	3.6	-0.1	17	65	14	4			
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169	1000.8	1022.2	-5.3	3.4	13	39	1	85	70				
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205	998.8	1024.6	-6.9	3.0	5	20	2	123	90				
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	1000.8	1026.3	-7.4	3.1	5	30	3	155	100				
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252	992.7	1024.5	-4.8	3.7	9	27	2	178	110				
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236	994.2	1023.8	-5.4	3.4	8	27	1						
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211	998.1	1024.2	-4.2	3.6	6	19							
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202	996.9	1022.9	-4.4	-1.9	3.6		5	20	-25	2	149	105	
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181	1003.9	1026.6	-8.1	2.8	6	31	3	162	105				
72546 DES MOINES/MUN., IA.	4132N	09339W	294	991.4	1027.9	-9.2	-5.6	2.6	-0.9	6	27	-3	3	191	120	
72553 OMAHA, NE.	4122N	09601W	406	977.5	1028.8	-8.5	-6.5	2.7		5	16	-8	3			
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	969.8	1028.9	-9.3	2.6	7	15	3						
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336	986.4	1029.1	-9.3	2.6	5	9	2	143	85				
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	924.6	1028.3	-7.9	-5.3	2.9	-0.4	4	19	5	4	176	104	
72564 CHEYENNE, WY.	4109N	10449W	1872	811.5	1024.2	-8.2	3.0	7	32	5	159	80				
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	839.0	1026.1	-11.2	2.7	10	35	6						
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288	874.4	1023.5	-3.7	-4.9	3.8	-0.9	9	37	3	4	149	90	
72576 LANDER/HUNT, WY.	4249N	10844W	1694			-11.9	2.3	5	19	4						
72578 POCAHOTLO/NUM., ID.	4255N	11236W	1365	865.7	1025.1	-7.3	3.6	10	35	5						
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			-2.6	-4.6	4.3	-0.3	3	18	1	4			
72594 EUREKA, CA.	4048N	12410W	18	1020.3	1022.5	7.6	-1.6	7.7		7	73	-57	2			
72597 MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	973.7	1022.6	3.6	-2.3	5.4	-1.5	6	14	-28	1			
72605 CONCORD/MUN., NH.	4312N	07130W	105	1007.6	1020.6	-5.2	3.2	8	52	3	128	75				
72606 PORTLAND/INTL JET PORT, ME.	4339N	07019W	19	1018.0	1019.8	-4.4	3.3	10	60	2						
72617 BURLINGTON/INTL, VT.	4428N	07309W	104	1008.0	1021.9	-6.8	0.9	2.8	0.2	5	17	-27	1	150	100	
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	992.4	1023.0	-6.8	3.2	10	26	120	100					
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193	999.5	1023.5	-5.7	3.2	8	26	2						
72637 FLINT/BISHOP, MI.	4258N	08345W	233	993.1	1022.6	-6.2	3.2	6	13	1						
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	997.5	1024.2	-7.8	2.6	5	18	2	177	115				
72641 MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	991.5	1024.9	-9.7	-3.9	2.3	4	14	-12	2	178	115		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402	976.0	1026.5	-12.6	2.1	5	11							
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	996.7	1024.1	-10.6	2.2	3	10	2	222	145				
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	973.6	1028.9	-12.7	2.2	8	13	2						
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393	979.0	1029.2	-13.5	-6.2	2.0	6	21	0	221	125			
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255	994.4	1027.3	-13.1	-5.2	1.9	8	26	4	4	220	130		
72662 RAPID CITY/REG., SD.	4403N	10304W	966	911.2	1028.7	-9.8	-6.5	2.3	-1.0	4	9	-7	2	155	85	
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209	884.3	1029.0	-9.7	-6.4	2.5	-0.9	4	12	-7	2	149	90	
72677 BILLINGS/LUGGAN INTL, MT.	4548N	10832W	1088	897.8	1029.1	-10.3	2.2	5	14	3	110	70				
72681 BOISE/MUN., ID.	4334N	11613W	874	921.4	1026.2	-4.9	-7.2	3.9	-1.1	5	29	2	3	168	110	
72688 PENDLETON, OR.	4541N	11851W	456	970.3	1026.5	-3.8	4.2	6	35	4						
72698 PORTLAND/INTL, OR.	4536N	12236W	12	1022.9	1024.3	2.2	-4.8	5.5	-1.9	9	72	-39	1	113	100	
72712 CARIBOU/MUN., ME.	4652N	06801W	190	994.5	1018.7	-12.0	-0.7	2.4	0.2	8	36	-12	2			
72734 SAULT STE. MARIE, MI.	4628N	08422W	221	993.0	1021.1	-11.6	-1.0	2.1	-0.4	10	45	-2	3	164	115	
72743 MARQUETTE, MI.	4632N	08733W	434	966.9	1021.8	-13.1	-6.2	1.9	10	41	2	4				
72745 DULUTH/INTL, MN.	4650N	09213W	432	969.4	1024.3	-15.9	-4.8	1.6	-0.5	4	9	-14	2	188	116	
72747 INT. FALLS/FALLS INTL, MN.	4834N	09323W	361	978.0	1024.9	-18.7	-5.0	1.3	0.0	3	7	-11	1			
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274	993.1	1028.5	-16.8	1.6	1	5	2	172	110				
72764 BISMARCK/MUN., ND.	4646N	10045W	506	965.4	1029.5	-14.3	-4.6	1.8	-1.0	2	5	-6	1	189	125	
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	956.9	1030.5	-16.4	1.7	4	10	3	219	130				
72768 GLASGOW/INTL, MT.	4813N	10637W	700	943.4	1031.6	-15.7	1.8	4	15	5						
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	888.2	1032.6	-14.4	-11.3	2.0		8	21	10	5	115	75	
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	911.9	1029.8	-9.0	3.0	5	12	2	181	145				
72775 GREAT FALLS/INTL, MT.	4729N	11122W	1115	895.0	1031.6	-12.1	-9.7	2.4	-0.8	9	30	15	5	188	130	
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			-3.0	4.0	4	17	3						
72785 SPOKANE/INTL, WA.	4738N	11732W	721	938.9	1026.4	-5.7	-5.9	3.5	-1.6	5	34	-7	3	190	170	
72791 ASTORIA/CLATSOP, OR.	4609N	12353W	7	1022.0	1022.9	2.8	6.3	15	168							
72792 OLYMPIA, WA.	4658N	12254W	61	1024.0	0.7	-4.2	5.7	-1.9	11	106	-27	3				
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1006.8	1023.9	2.2	5.6	12	88	2	148	135				
72797 QUILLAYUTE, WA.	4756N	12433W	62	1015.6	1023.3	1.7	-3.9	6.1	-1.6	11	157	-152	2			
74492 BLUE HILL OBS., MA.	4213N	07107W	195	995.4	1020.2	2.6	5.2	3.8	0.6	10	88	-20	2	89	60	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE	DAYS 1 MM	TOTAL mm	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.			
N AMERICA																			
CANADA																			
71043 NORMAN WELLS, N.W.T.	6517N	12648W	73	1021.0	1030.8	-15.0	11.2	1.5	0.7	5	27	11	5	96	125				
71072 MOULD BAY A, N.W.T.	7614N	11919W	12	1014.6	1016.3	-25.4	9.7	0.8	0.5	7	15	12	5	1	20				
71081 HALL BEACH, N.W.T.	6847N	08115W	8	1004.9	1006.1	-34.9	-2.6	0.3	-0.1	0	1	-7	1						
71082 ALERT, N.W.T.	8230N	06220W	63	999.0	1008.2	-29.8	3.7	0.4	0.1	9	20	15	6						
71090 CLYDE, N.W.T.	7028N	06837W	25	1002.3	1006.0	-33.5	-5.7	0.3	-0.3	1	3	-3	2	35	90				
71101 SANDSPIT, B.C.	5315N	13149W	6	1026.7	1027.5	1.2	-2.3	5.4	-1.3	5	25	-88	0	103	125				
71109 PORT HARDY, B.C.	5041N	12722W	22	1021.9	1024.7	0.5	-3.4	5.4	-1.5	9	40	-119	0	114	150				
71600 SABLE ISLAND, N.S.	4356N	06001W	4	1017.9	1018.4	-1.4	-0.4	4.9	0.0	10	177	59	5	64	90				
71601 SHEARWATER, N.S.	4438N	06330W	41	1012.0	1018.5	-5.2	-0.7	3.9	0.1	12	152	30	4	86	65				
71624 TORONTO INTL AIRPORT, ONT.	4341N	07938W	176	1000.0	1021.9	-6.5	-0.5	3.1	-0.2	6	19	-27	1						
71627 MONTREAL/DORVAL INTL, QUE.	4528N	07345W	36	1016.6	1021.1	-8.7	0.3	2.7	0.1	6	31	-34	1	132	105				
71707 SYDNEY, N.S.	4610N	06003W	60	1009.7	1017.6	-8.1	-2.3	3.4	0.0	14	149	26	4	110	100				
71717 CHATHAM, N.B.	4701N	06527W	34	1013.6	1017.9	-10.5	-1.8	2.6	-0.1	6	59	-28	2	119	90				
71722 MANIWAKI, QUE.	4623N	07558W	170	998.2	1020.2	-13.4	-1.3	1.8	-0.6	6	25	-22	1	151	120				
71731 NORTH BAY, ONT.	4622N	07925W	369	973.6	1020.6	-13.2	-1.9	1.8	-0.4	11	37	-19	2	153	120				
71803 GANDER INTL AIRPORT, NFLD.	4857N	05434W	147	995.1	1014.3	-9.2	-2.5	2.8	-0.3	10	78	-22	2	126	125				
71811 SEPT-ILES, QUE.	5013N	06616W	55	1009.6	1017.2	-15.6	-3.2	1.5	-0.4	7	44	-36	2	150	110				
71815 STEPHENVILLE, NFLD.	4832N	05833W	26	1012.6	1017.7	-8.9	-2.7	3.0	0.0	19	127	37	5	64	90				
71816 GOOSE, NFLD.	5319N	06025W	44	1006.2	1012.7	-17.8	-3.3	1.1	-0.7	4	10	-50	0	181	155				
71831 KAPUSKASING, ONT.	4925N	08228W	229	990.1	1019.6	-17.6	-1.5	1.4	-0.3	6	18	-25	1						
71836 MOOSONEE, ONT.	5116N	08039W	10	1016.7	1018.0	-19.7	-1.2	1.2	-0.2	6	12	-18	1	156	130				
71848 BIG TROUT LAKE, ONT.	5350N	08952W	222	988.4	1018.1	-21.3	0.1	1.1	0.0	7	21	2	4	130					
71852 WINNIPEG INTL AIRPORT, MAN.	4955N	09714W	240	994.6	1025.9	-18.5	-3.0	1.3	-0.5	3	6	-11	1	204	140				
71863 REGINA, SASK.	5026N	10440W	574	955.7	1029.5	-18.3	-4.7	1.5	-0.7	4	8	-8	1	169	140				
71867 THE PAS, MAN.	5358N	10106W	271	988.6	1024.0	-18.0	-0.1	1.2	-0.2	3	18	3	4	155	115				
71874 LETHBRIDGE, ALTA.	4938N	11248W	920	916.8	1031.9	-12.9	-7.5	2.2	-1.1	8	22	3	4	128	105				
71879 EDMONTON MUNICIPAL, ALTA.	5334N	11331W	676	946.9	1031.3	-13.9	-4.3	1.8	-0.7	3	11	-8	2	159	135				
71892 VANCOUVER INTL AIRPORT, B.C.	4911N	12311W	2	1025.3	1025.6	0.8	-3.8	5.3	-2.0	8	85	-30	2	140	160				
71896 PRINCE GEORGE, B.C.	5353N	12241W	691	946.4	1033.6	-14.1	-8.0	1.8	-1.6	5	28	-11	2	140	160				
71906 KUUKJUAQ, QUE.	5806N	06825W	37	1005.4	1010.3	-26.3	-3.9	0.6	-0.5	2	7	-26	1	118	110				
71907 INUJKUAK, QUE.	5827N	07807W	8	1007.8	1008.6	-29.0	-3.9	0.5	-0.3	1	3	-5	2	136	125				
71909 FROBISHER BAY, N.W.T.	6345N	06833W	34	1000.9	1005.5	-30.7	-4.8	0.4	-0.3	3	7	-16	2	98	100				
71913 CHURCHILL, MAN.	5845N	09404W	29	1010.6	1014.6	-24.1	1.8	0.7	0.0	5	12	-1	3	112	85				
71915 CORAL HARBOUR, N.W.T.	6412N	08322W	64	997.1	1006.0	-30.5	-1.1	0.3	-0.3	1	3	-6	2	117	105				
71917 EUREKA, N.W.T.	8000N	08556W	10	1008.8	1010.3	-36.6	1.4	0.2	0.0	4	14	12	6						
71924 RESOLUTE, N.W.T.	7443N	09459W	67	1000.8	1010.2	-31.3	1.9	0.4	0.1	2	5	2	5	37	205				
71925 CAMBRIDGE BAY, N.W.T.	6906N	10507W	27	1012.9	1016.7	-25.5	8.9	0.8	0.5	4	11	7	5	63	120				
71926 BAKER LAKE, N.W.T.	6418N	09600W	18	1010.9	1013.4	-30.0	2.6	0.4	0.0	2	6	1	4	63	60				
71934 FORT SMITH, N.W.T.	6001N	11158W	203	1001.8	1028.5	-17.7	4.0	1.7	0.4	3	6	-10	1	110	95				
71938 COPPERMINE, N.W.T.	6749N	11509W	22	1021.6	1024.7	-19.4	11.1	1.5	0.9	3	11	5	5	67	85				
71945 FORT NELSON, B.C.	5850N	12236W	382	983.8	1032.9	-13.2	3.7	1.6	0.0	4	8	-12	1	162					
71957 INUVIK, N.W.T.	6818N	13329W	68	1018.4	1027.5	-12.8	16.1	2.0	1.4	5	17	6	5	80	125				
71964 WHITEHORSE, Y.T.	6043N	13504W	703	948.3	1038.8	-17.6	-4.4	1.2	-0.8	0	1	-12	0	163	180				
ST. PIERRE AND MIQUELON																			
71805 SAINT-PIERRE	4646N	05610W	5	28	1016.0	1016.6	-4.5	-0.9	3.7	-0.2	11	92	11	4	92				
MEXICO																			
76382 TORREON, COAH.	2532N	10327W	1124	891.1	1014.0	19.4	2.7	8.1	-0.7	0	0	-4	0	227					
76458 COLONIA JUAN CARRASCO MAZ.	2312N	10625W	4	1014.2	1014.2	18.8	-1.0	17.5	-0.8	0	0	-4	0	226	155				
76548 TAMPICO, TAMPS	2213N	09751W	9	1017.7	1020.7	19.1	-0.6	18.0	0.3										
BAHAMAS																			
78073 NASSAU AIRPORT	2503N	07728W	7	28	1021.1	1021.9	21.8	1.0	21.5	3.1	1	15	-26	2	114				
CUBA																			
78325 CASA BLANCA, HABANA	2310N	08221W	50	1014.6	1020.4	22.6	0.7	20.8	2.3	4	25	-27	2						
JAMAICA																			
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8	1017.4	1018.3	24.8	0.3	23.1	0.5	16	62	-1	4	217	100				
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14	1015.0	1016.6	25.3	-0.4	21.9	-0.9	3	18	-2	3	227	95				
DOMINICAN REPUBLIC																			
78457 PUERTO PLATA	1945N	07033W	15	1017.9	1019.4	23.3	0.1	24.1	0.1	18	196	27	4						
78486 SANTO DOMINGO	1826N	06953W	14	1016.9	1019.0	24.2	-0.1	23.4	-1.1	8	247	200	6						

N AMER-PUERTO RICO US POSS

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.
N AMERICA	0°	0°	0	3	mb	mb	0°C	0°C	mb	mb	mm	mm	hr	%
PUERTO RICO AND US POSS														
78526 SAN JUAN/INTL. PUERTO RICO	1826N	06600W	19				24.4	-0.3	23.3	1.7	13	154	99.5	
BELIZE														
78583 BELIZE/INTL AIRPORT	1732N	08818W	5	1017.8	1018.3	24.1	-0.3	24.3	2.8	9	68	11.4	75	
HONDURAS														
78701 GUANAJA	1628N	08555W	2	1018.0	1018.0	26.3	0.5	25.6	-0.5	20	118	18.4		
78705 LA CEIBA (AIRPORT)	1544N	08652W	26	1016.6	1019.6	22.9	-0.6	22.7	16	275	-51.3	166		
78706 TELA	1543N	08729W	3	1017.6	1018.0	24.9	1.0	25.7	2.7	16	194	-11.3	184	
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31	1012.6	1016.1	24.8	0.7	23.8	0.4	10	71	30.5		
78711 PUERTO LEMPIRA	1513N	08348W	13	1014.8	1016.2	25.8	0.6	26.0	-0.1	17	94	21.4		
78714 CATACAMAS	1454N	08556W	442	966.8	1017.1	21.8	-1.5	19.3	0.1	11	54	34.5	146	
78717 SANTA ROSA DE COPAN	1447N	08847W	1079	897.9	1017.0	18.0	-0.3			13	40	17.5	188	
78720 TEGUCIGALPA	1403N	08713W	1007	921.5	1016.0	20.0	-0.1	17.7	3.7		2	-1.3	225	100
78724 CHOLUTeca	1318N	08711W	48	1009.3	1016.0	29.3	0.3	24.5	4.1	0	0	0.0	260	75
ST. MAARTEN, ST. EUST., SABA														
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	1018.1	1018.6	24.8	-0.7	23.9		17	139	98.6	219	95
ST. MARTIN, ST. BARTH., GUAD.														
78897 LE RAIZET, GUADELOUPE	1616N	06131W	8	1016.5	1017.4	24.6	0.9	22.2	-0.7	14	84	35.4	242	111
MARTINIQUE														
78925 LE LAMENTIN	1436N	06100W	4	1015.6	1016.4	25.6	1.9	24.8	1.7	22	201	113.6	226	96
TRINIDAD AND TOBAGO														
78970 PIARCO INTL AIRPORT, TRINIDAD	1037N	06121W	15	1012.2	1014.7	24.9	0.1	24.6	0.1	13	67	19.5	218	100
CURACAO AND BONAIRE														
78988 HATO AIRPORT, CURACAO	1212N	06858W	67	1013.7	1014.6	25.6	-0.6	25.5	-0.2	12	41	14.4	246	103
COLOMBIA														
80001 SAN ANDRES (ISLA)	1235N	08143W	6	1014.9	1015.0	25.9	-0.6	25.6	-1.8	10	59	13.5	230	
80002 PROVIDENCIA (ISLA)	1322N	08121W	28			25.8		26.1		13	86		192	
S AMERICA														
COLOMBIA														
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	1008.4	1008.9	26.8		21.4		0	0		280	
80022 CARTAGENA/CRESPO	1027N	07531W	12	1010.9	1011.1	25.7		25.5		0	0		259	
80028 BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30			25.7	-1.0	25.3	-1.1	0	0	0.5	259	
80084 APARTADO	0748N	07642W	30			26.8		27.8		5	81		191	
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134			27.9	-1.0	25.5	-1.4	8	162	101.6		
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189			21.0		19.3		2	5		164	
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317			24.3	-1.8	24.2	0.7	5	27	-2.3	136	
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128			27.5		22.8		4	53			
80112 RIONEGRO/J.M.CORDOVA	0611N	07526W	2142	790.0		15.9		13.7		13	96			
80139 PUERTO CARRENO	0610N	06730W	55			28.7		21.7		1	4		233	
80144 QUIBDO/EL CARANO	0543N	07637W	33			25.9		29.2		21	530	0.6	67	
80210 PEREIRA/MATECANA	0449N	07548W	1342	865.2		20.8		18.3		12	232		145	
80214 IBAGUE/PERALES	0426N	07509W	928	28		22.4		22.0		15	122		109	
80222 BOGOTA/ELDORADO	0442N	07408W	2548	752.8		12.7	-0.3	11.5	-0.2	8	41	5.4	136	
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431	28		26.7		21.4		7	161		136	
80241 GAVIOTAS	0433N	07055W	167	988.6	1007.8	26.5	-1.9	21.9	-0.1	7	68	47.5	211	
80251 BUENAVENTURA/COLPUERTOS	0355N	07705W	10			26.0		28.9		18	253		112	
80259 CALI/PALMASECA	0333N	07623W	969	28	905.4	23.1	-0.6	20.7	0.0	8	51	-28.2	153	
80315 NEIVA/LA MANGUITA	0258N	07518W	443			26.7	-1.2	23.2		9	82	-22.3	151	
80337 TUMACO/EL MIRA	0134N	07841W	5			25.9	0.4	23.8	-4.9	19	262	69.4	86	
80342 PASTO/ANTONIO NARINO	0125N	07716W	1826	820.3		17.8		17.2		10	71		85	
80370 IPIALES/SAN LUIS	0049N	07738W	2961			10.3	-1.5	10.8	-0.4	10	64	-16.3	102	
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84	1001.0	1010.5	25.4	-0.8	29.2	0.1	20	339	61.4	118	
VENEZUELA														
80403 CORO	1125N	06941W	17	1013.2	1015.1	25.9	-0.4	23.9		5	10	-6.4	92	
80405 LA ORCHILA	1148N	06611W	3			26.8	0.0	20.7		6	19	6.4	101	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	
S AMERICA														
VENEZUELA	0°	0°	m											
80407 MARACAIBO-LA CHINITA	1034N	07144W	65	1003.9	1011.8	25.5	-1.3	23.4	-1.8	0	0	-24	91	
80410 BARQUISIMETO	1004N	06919W	614	944.3	1011.8	22.2	-1.2	20.3	3	33	25	5	87	
80412 PTO. CABELLO, B.N.	1030N	06800W	2	1017.4	1017.6	24.9	-0.6	26.7	4	23	-64		90	
80413 MARACAY - B.A. SUCRE	1015N	06739W	437	966.2	1015.2	24.2	0.3	20.8	2.5	0	1	-53	92	
80415 CARACAS/MAIQUETIA AEROP. INTL	1036N	06659W	48	1010.5	1016.0	23.5	-1.0	27.3	6	63	24	5	85	
80416 CARACAS/LA CARLOTA	1030N	06653W	835	920.1		20.0	-0.7	20.2	2.9	24	-63		77	
80419 BARCELONA	1007N	06441W	7	1013.3	1014.1	24.4	-1.4	24.4	0.0	0	1	-34	86	
80420 CUMANA	1027N	06411W	4	1014.8	1015.4	24.1	-1.6	27.2	1	5	-35		82	
80421 PORLAMAR(AP INTL DEL CARIBE)	1055N	06358W	19	1015.1	1017.3	26.4	0.9	28.2	10	34	-4		95	
80423 GUIRIA	1035N	06219W	14	1012.3	1014.0	25.9	0.0	25.0	5	20	-73		96	
80425 MENE GRANDE	0949N	07056W	28	1009.3	1012.7	26.3	-1.2	23.9	1	28	-5		89	
80426 VALERA	0921N	07037W	582	949.5	1014.1	23.2	-0.5	23.1	10	62	48		90	
80427 ACARIGUA	0933N	06914W	225	988.2	1013.5	25.9	-0.8	20.4	1	10	-2		91	
80428 GUANARE	0901N	06944W	163	994.9	1013.2	26.6	-0.1	22.0	4	55	-15		89	
80435 MATORIN	0945N	06311W	66	1004.3	1012.0	26.5	1.4	23.9	10	54	144		96	
80438 MERIDA	0836N	07111W	1498	853.2		17.6	-0.7	15.0	-1.3	9	47	94		92
80444 CIUDAD BOLIVAR	0809N	06333W	48	1006.8	1012.1	26.0	-1.1	22.0	-2.5	4	13	-24		86
80447 SAN ANTONIO DEL TACHIRÁ	0751N	07227W	378	970.2	1012.8	23.2	-1.7	22.1	-1.2	6	29	-113		64
80450 SAN FERNANDO DE APURE	0756N	06725W	48	1007.0	1011.6	24.8	-2.7	24.6	0.6	0	0	-214		94
80453 TUMEREMO	0718N	06127W	181	929.0	1013.4	24.8	0.7	26.2	13	32	-341		85	
80457 PUERTO AYACUCHO	0536N	06730W	74	1003.9	1012.4	28.2	-0.2	23.1	-1.5	4	13	-293		98
80462 SANTA ELENA DE UAIREN	0436N	06107W	907	913.5		21.0	-0.8	18.3	-0.9	9	87	224		75
80475 STO. DOMINGO (B.A.)	0735N	07204W	327	973.9	1011.0	21.6	-2.6	18.2	7	59	-1			88
80478 TEMBLADOR	0901N	06237W	30	1007.4	1011.0	22.7	-2.3	24.7	10	45	21			91
GUYANA														
81001 GEORGETOWN	0648N	05809W	2	1013.2	1013.6	26.1	-0.3	28.2	1.5	15	221	1025	139	75
81002 TIMEHRI	0630N	05815W	30	1009.8	1013.3	24.4	-0.5	26.2	-0.3	18	264	1125	136	
SURINAME														
81225 ZANDERIJ	0527N	05512W	15	1010.3	1012.7	25.1	0.2	27.0	7.4	19	234	735	93	
FRENCH GUIANA														
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9	1011.6	1012.7	25.4	0.0	28.3	0.8	22	649	2815	84	74
BRAZIL														
82098 MACAPA	0002N	05103W	15	1009.4	1011.1	25.7		29.7	23	270				
82191 BELEM	0127S	04828W	24	1010.7	1011.3	25.7	0.2	29.9	1.3	27	462	404		
82212 FONTE BOA	0232S	06610W	55	1003.9	1009.6	26.0		32.7	25	311				
82246 BELTERRA	0238S	05457W	176	993.3	1013.4	24.0		27.9	22	169				
82280 SAO LUIZ	0232S	04417W	51	1004.5	1010.5	25.9	0.8	30.1	1.2	17	229	-1432		
82331 MANAUS	0308S	06001W	72	1003.5	1011.7	25.1	-0.9	28.2	0.3	21	409	1425		
82397 FORTALEZA	0344S	03833W	19	1007.8	1010.9	27.0	0.2	29.0	0.3	9	58	-1222		
82410 BENJAMIN CONSTANT	0423S	07002W	65	1004.8	1012.1	25.9	-0.9	29.8	2.1	15	164	-1181		
82425 COARI	0405S	06305W	46	1004.7	1010.3	26.5	-0.3	32.2	2.3		277	1005		
82445 ITAITUBA	0416S	05558W	45	1008.1	1013.3	25.6		31.8	24	413				
82562 MARABA	0521S	04909W	102	1000.1	1011.0	26.2		29.1	22	270				
82571 BARRA DO CORDA	0530S	04516W	153	992.5	1012.1	24.8	-0.3	28.6	-0.6	10	78	-1650		
82578 TEREZINA	0505S	04249W	74	1001.1	1011.3	26.0		28.8	11	171				
82583 CRATEUS	0510S	04040W	299	975.6	1009.4	26.6			6	82				
82586 QIXERAMOBIM	0512S	03918W	211	986.4	1010.0	28.1	0.4	20.2	-3.8	2	9	-1031		
82640 JACAREACANGA	0516S	05744W	98	999.5	1010.7	25.3		29.3	20	214				
82678 FLORIANO	0646S	04301W	123	996.0	1011.8			27.1	-0.3	8	94	-921		
82704 CRUZEIRO DO SUL	0738S	07240W	170	987.4	1004.6	25.4	0.6	27.5	-0.9	18	214	-312		
82723 LABREA	0715S	06450W	60	1003.0	1009.9	24.7		29.3	21	339				
82784 BARBALHA	0719S	03918W	40928	964.5	1011.1	24.6		22.0	12	93				
82825 PORTO VELHO	0846S	06305W	95	1001.2	1007.6	25.0	-0.7	28.5	-1.0	18	521	1955		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160			25.6	0.3	32.1	3.7	18	114	-1610		
82900 RECIFE (CURADO)	0803S	03455W	7	1011.1	1012.3	26.9	0.1	27.2	-0.3	8	37	-842		
82915 RIO BRANCO	0958S	06748W	136			24.5		28.5		19	392			
82983 PETROLINA	0923S	04029W	370	968.8	1009.7	28.3	1.9	21.5	-1.7	7	18	-1112		
83064 PORTO NACIONAL	1031S	04843W	250	984.4	1011.2	25.5	0.3	26.7	-0.8	2	173	-1162		
83186 JACOBINA	1111S	04028W	484	955.9		24.7		18.7	0	1		1		
83208 VILHENNA	1244S	06008W	652	942.2	1010.1	23.2		25.9	20	277				
83229 SALVADOR	1301S	03831W	51	1005.0	1011.0	27.2	0.8	28.8	2.9	9	29	-992		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	
S AMERICA														
BRAZIL	0°	0°	3	mb	mb	°C	°C	mb	mb		mm	mm	hr	
83235 TAGUATINGA	1216S	04626W	660	944.3	1010.9	24.2		24.5		15	153		1	
83236 BARREIRAS	1209S	04500W	440	960.6	1009.9	25.9		24.3		16	119			
83264 VERA (GLEBA CELESTE)	1212S	05630W	415	969.1	1010.5	24.3		28.1		23	326			
83288 BOM JESUS DA LAPA	1316S	04325W	440	28	960.3	1011.1	26.9	-1.0	23.0	-1.0	6	18	-182	
83361 CUIABA	1533S	05607W	179		992.8	1009.9	26.2	-0.3	30.8	4.1	13	209	94	
83377 BRASILIA	1547S	04756W	1158		886.3	1011.3	21.1	0.0	19.8	0.0	18	280	404	
83492 TEOFILIO OTONI	1751S	04130W	356		973.4	1011.1	25.3		22.4		6	99	3	
83498 CARAVELAS	1744S	03915W	3		1012.0	1012.5	28.3	-2.3	22.8	-4.7	4	10	-810	
83512 COXIM	1830S	05446W	286		975.0	1008.7	28.0		25.2		25	219		
83552 CORUMBA	1900S	05739W	130		993.0	1010.0	25.9	-1.3	29.4	-0.1	11	175	354	
83579 ARAXA	1934S	04656W	1004		900.0	1012.2	19.0	-2.9	22.5	0.5	21	315	1346	
83587 BELO HORIZONTE	1950S	04356W	850		911.8	1011.8	23.9	0.9	23.7	1.8	18	298	825	
83592 CARATINGA	1948S	04209W	609		944.4	1011.6	24.4		22.5		8	120	3	
83611 CAMPO GRANDE	2028S	05440W	560		951.7	1010.5	23.8	-1.2	25.2	-1.0	18	165	183	
83618 TRES LAGOAS	2047S	05138W	313		975.0	1011.9	25.5	-0.7	26.4	0.1	19	211	234	
83648 VITORIA	2019S	04020W	36		1008.4	1012.4	28.1		27.8		2	16	1	
83676 CATANDUVA	2108S	04858W	536		948.6	1011.2	23.4		24.1		19	328	5	
83692 JUIZ DE FORA	2146S	04321W	939		910.6	1013.3	21.8	-0.9	21.8	1.1	17	256	504	
83698 CAMPOS	2145S	04120W	11		1010.4	1011.8	28.3		28.2		4	13	1	
83702 PONTA PORA	2232S	05544W	650		934.6	1009.9	23.2	-0.6	23.6	0.0	15	187	284	
83743 RIO DE JANEIRO	2255S	04310W	5		1012.1	1012.5	26.5	0.0	28.5	2.7	12	133	-153	
83766 LONDRINA	2323S	05111W	566		946.8	1010.5	23.5	-0.4	24.8	2.8	14	172	-303	
83781 SAO PAULO	2330S	04637W	792		923.3	1011.2	23.0	1.1	21.8	0.5	17	328	1065	
83836 IRATI	2528S	05038W	837		917.0	1011.6	20.6		21.1		14	210		
83842 CURITIBA	2526S	04916W	923		910.8	1012.9	20.5	0.1	20.5	0.6	15	138	-222	
83881 IRAJ	2711S	05314W	247		981.3	1010.7	24.4		24.0		13	274	6	
83897 FLORIANOPOLIS	2735S	04834W	2		1011.5	1011.7	25.0	0.6	26.3		17	177	83	
83967 PORTO ALEGRE	3001S	05113W	47		1006.2	1011.8	25.0	0.5	23.2	-0.3	3	23	-810	
83980 BAGE	3120S	05406W	217		983.7	1011.1	24.9		19.1		1	0		
83997 ST. VITORIA DO PALMAR	3331S	05321W	24		1008.8	1013.0	22.7	0.6	21.7	0.3	5	46	-442	
ECUADOR														
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6	28	1010.2		25.8	-0.2	27.2	-0.1	2	15	-961	105
84088 IZOBAMBA-SANTA CATALINA	0022S	07833W	3058	28	706.2		11.0	0.1	11.2	0.4	17	189	734	100
84132 NUEVO ROCAFUERTE	0055S	07524W	215	28			25.2	-0.6	27.7	-0.8	12	181	111	90
84135 PORTO VIEJO-GRANJA	0102S	08026W	44	28	1005.4		25.4	-0.7	27.3	1.1	17	162	765	110
84140 PICHILINGUE	0106S	07928W	73	28	1002.5		25.0	-0.4	27.2	1.2	20	488	544	110
84179 EL PUYO	0130S	07757W	950	28	906.2		20.0	-0.8	21.4	-0.1	21	436	1326	90
84202 MILAGRO	0207S	07936W	13	28	1012.6		25.3	-0.7	27.7	0.0	21	471	1795	90
84203 GUAYAQUIL/SIMON BOLIVAR	0209S	07953W	9	28	1013.5		25.6	-0.6	27.5	2.2	10	397	1685	75
84226 CANAR	0233S	07856W	3120	28			10.4	-0.7	11.0	0.0	12	80	274	80
84270 LOJA/LA ARGELIA	0402S	07912W	2040	28			15.2	-0.8	13.9	0.4	15	162	495	75
PERU														
84377 IQUITOS	0345S	07315W	126		999.9	1013.8	25.7	-0.9	26.1	-1.0	14	276	374	
84390 TALARA	0434S	08115W	90		1001.3	1011.3	25.7	0.8	24.4	2.5		15	135	
84401 PIURA	0511S	08036W	55		1007.2	1013.5	26.9	-1.0	23.7	3.0	5	45	366	
84425 YURIMAGUAS	0554S	07605W	184		993.2	1014.4	26.5	-0.5	28.0	-0.4	6	98	-1121	
84444 CHACHAPOYAS	0613S	07750W	2435		753.0		14.2	-1.0	9.8	-3.5	12	118	294	
84452 CHICLAYO	0647S	07950W	34		1008.1	1011.1	25.4	1.2	23.3	2.3	2	3	14	
84455 TARAPOTO	0627S	07623W	282		981.9	1017.0	25.7	-0.8	26.4	-0.5	11	143	355	
84472 CAJAMARCA	0708S	07828W	2622		739.7		13.8	-1.3	13.5	1.8		226	1306	
84474 JUANJUI	0713S	07643W	363		978.5	1017.5	16.5	-9.8	28.0	1.0	14	248	1185	
84501 TRUJILLO	0806S	07902W	30		1008.4	1011.3	23.0	1.3	21.9	0.3	0	0	-15	
84515 PUCALLPA	0825S	07438W	149		997.3	1010.3	25.2	-1.6	28.1	-0.2	15	217	344	
84534 TINGO MARIA	0908S	07557W	665		939.0	1010.7	23.7	-0.1	24.9	0.3				
84542 ANTA (HUARAZ)	0921S	07736W	2760		735.6		15.7	-1.3	11.6	0.5	19	123	-1454	
84564 HUANUCO	0954S	07545W	1860		816.2		19.9	-0.6	17.4	2.6	11	48	-193	
84628 LIMA-CALLAO/AEROP. INTL	1200S	07707W	13		1009.5	1011.0	23.7	1.4	23.4	2.9	0	T	-15	182
84658 PUERTO MALDONADO	1238S	06912W	266		986.3	1015.2	24.9	-1.3	26.5	-2.0		184	-901	
84673 AYACUCHO	1308S	07413W	2749		732.9		17.6	0.4	10.8	-0.4	16	72	-851	
84686 CUZCO	1333S	07159W	3249		686.6		11.7	-1.1	9.1	0.4	14	80	-411	
84691 PISCO	1345S	07617W	7		1008.6	1009.3	23.5	1.0	22.0	0.3	0	0	-130	
84721 SAN JUAN	1523S	07510W	60		1005.3	1012.2	23.5	0.9	22.8	2.9	0	0	0	05
84735 JULIACA	1529S	07009W	3827		633.8		10.9	0.2						

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
S AMERICA														
PERU	0°	0°	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	%
84752 AREQUIPA	1519S	07133W	2520	752.4	13.5	-1.9	17.6	6.5	4	-42	2			
84782 TACNA	1804S	07018W	458	960.3	1012.5	22.7	0.0	15.2	0	0	-1	5		
BOLIVIA														
85041 COBIJA	1105S	06852W	252	28	1012.0	26.4	0.9		12	173	-50	2		
85043 RIBERALTA	1101S	06607W	135	28	1018.5	26.3	-0.4		12	278	3	3		
85104 SAN JOAQUIN	1304S	06440W	140	28	1009.1	27.6	1.0		13	252	-5	3		
85114 MAGDALENA	1320S	06409W	141	28	1008.8	27.2	0.1		10	211	-4	3		
85123 SANTA ANA	1343S	06535W	144	28	1008.5	27.6	-3.3		8	216	-27	2		
85141 RURRENABAQUE	1429S	06729W	202	28	1006.8	27.6	0.8		12	276	-15	3		
85154 TRINIDAD	1451S	06457W	157	28	1010.2	28.2	1.0		12	172	-108	1		
85196 CONCEPCION	1615S	06206W	497	28	1010.5	25.6	0.0		13	166	16	3		
85201 LA PAZ/ALTO	1631S	06811W	4071	28	627.5	8.9	0.1		16	92	-12	3		
85207 SAN IGNACIO DE VELASCO	1622S	06057W	413	28	1009.5	26.7	1.3		17	160	-11	3		
85223 COCHABAMBA	1727S	06606W	2548	28	749.8	19.5	0.8		11	36	-63	1		
85230 CHARANA	1735S	06927W	4057	28	624.9	10.6	0.6		4	74	10	3		
85242 ORURO	1803S	06704W	3702	28	653.0	13.2	0.6		8	45	-31	2		
85245 SANTA CRUZ	1748S	06310W	414	28	1008.8	27.3	0.6		6	169	46	5		
85247 SAN JOSE	1750S	06045W	284	28	1009.3	28.1	0.9		10	193	63	4		
85268 ROBORE	1819S	05945W	265	28	1008.2	28.3	0.3		9	103	-42	2		
85283 SUCRE	1901S	06516W	2903	28	720.3	15.9	0.1		10	69	-56	1		
85289 PUERTO SUAREZ	1900S	05744W	135	28	1008.1	27.6	-0.5		16	100	-81	1		
85315 CAMIRI	2003S	06334W	810	28	1007.0	27.5	2.2		8	44	-101	0		
85365 YACUIBA	2201S	06342W	643	28	1008.0	29.0	3.1		5	64	-111	0		
CHILE														
85406 ARICA	1821S	07020W	55	1005.9	1013.2	23.0	0.8	18.8	-0.5	0	1	1	5	242
85442 ANTOFAGASTA	2326S	07027W	140	998.8	1012.8	21.1	1.2	20.0	2.9	0	0	0	5	282
85469 ISLA DE PASCUA	2710S	10926W	69	1012.5	1018.0	24.2	0.5	24.8	2.7	11	80	2	4	238
85488 LA SERENA	2955S	07112W	146	997.1	1013.6	16.8	-0.2	15.5	0.1	0	0	0	5	220
85585 ISLA ROBINSON CRUSOE	3337S	07850W	30	1014.8	1018.3	19.9	1.2	17.9	2.9	3	22	-4	3	200
85766 VALDIVIA	3938S	07305W	19	1012.5	1014.7	16.1	0.7	13.9	0.6	4	24	-33	2	267
85799 PUERTO MONTT	4126S	07306W	90	1005.5	1015.4	14.2	0.4	13.3	0.3	7	70	-26	3	
85934 PUNTA ARENAS	5300S	07051W	44	995.6	999.9	10.8	0.7	9.6	1.2	6	36	7	4	151
PARAGUAY														
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181	991.3	1011.5	24.0	-4.5	23.0	0.0	4	71	-32	2	243
86086 PUERTO CASADO	2217S	05752W	87	998.4	1008.2	27.2	-1.1	27.5	2.1	4	153	34	4	
86097 PEDRO JUAN CABALLERO	2235S	05539W	662	936.6	1018.3	23.2	-0.7	25.3		14	193	40	4	
86134 CONCEPCION	2325S	05718W	74	1000.2	1009.9	26.4	-1.6	26.9		8	208	69	5	197
86218 ASUNCION/AEROPUERTO	2516S	05738W	101	1000.7	1011.7	26.2	-1.8	25.2	0.8	6	112	-44	2	235
86233 VILLARRICA	2545S	05626W	161	992.9	1011.2	25.5	-1.0	25.2	0.5	9	154	20	4	246
86248 PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	988.7	1010.2	25.1	-1.1	25.5	0.3	14	279	111	5	201
86255 PILAR	2651S	05819W	56	1005.5	1011.9	27.2	-0.1	24.7	-0.5	6	178	53	5	
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126	998.6	1013.0	25.6	24.1			8	203			253
86297 ENCARNACION	2719S	05550W	91	1002.7	1011.9	25.1	-1.1	23.6	-1.8	4	80	-86	1	248
URUGUAY														
86330 ARTIGAS	3023S	05630W	123	996.6	1010.3	27.3		17.3		2	11	-116	1	
86360 SALTO	3123S	05757W	34	28	1006.2	1010.1	28.4	4.7	17.2	2.6	2	14	-89	1
86440 MELO	3222S	05411W	100	28	999.3	1011.0	24.4	1.3	19.2	0.6	1	52	-29	3
86460 PASO DE LOS TOROS	3248S	05631W	75	28	1002.0	1010.8	26.1	2.3	17.3	-2.4	1	23	-91	1
86490 MERCEDES	3315S	05804W	22	28	1008.8	1010.9	24.9	0.9	18.6	0.2	4	106	12	3
86500 TREINTA Y TRES	3313S	05423W	46	28	1006.3	1011.7	24.0	1.6	19.3	0.1	1	5	-85	1
86560 COLONIA	3427S	05750W	23	28	1008.6	1011.4	24.1	1.0	19.9	-1.0	5	60	-30	2
86565 ROCHA	3429S	05418W	18	28	1010.6	1012.8	22.8	1.4	19.8	-1.0	5	103	12	3
86580 CARRASCO	3450S	05600W	32	28	1007.8	1011.5	23.4	0.9	19.4	0.2	4	40	-42	2
ARGENTINA														
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459	673.6	3131	Z	11.2	-1.0	9.3	0.2	7	33	-35	1
87046 JUJUY AERO	2423S	06505W	904	909.9	1498	Y	24.7	3.6	17.7	-2.8	6	69	-132	1
87047 SALTA AERO	2451S	06529W	1221	877.1	1491	Y	21.4	1.3	17.9	-0.7	6	70	-84	1
87065 RIVADAVIA	2410S	06254W	205				30.6	3.6	20.5		2	94	-9	3
87078 LAS LOMITAS	2442S	06035W	130	992.8	1007.3	28.0	0.9	21.7	-1.1	2	6	-109	0	288
87097 IGUAZU AERO	2544S	05428W	270	979.9	1010.1	24.6	24.9			10	148	3	145	90

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
S AMERICA																
ARGENTINA	0°	0°	a	mb	mb	0°C	0°C	mb	mb	mm	mm	hr	%			
87121 TUCUMAN AERO	2651S	06506W	450	957.6	1007.2	26.6		21.7		6	40			253		
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	984.4				18.8	-3.4	2	100	-9	3	188	92	
87149 PRES. ROQUE SAENZ PENA AERO	2649S	06027W	92	998.4	1008.8	27.8	1.3	23.5	-0.5	4	29	-81	1	272	119	
87155 RESISTENCIA AERO.	2727S	05903W	52	1003.4	1009.4	27.6	1.6	23.6	-0.6	3	108	-29	2	257	129	
87162 FORMOSA AERO	2612S	05814W	60	1001.5	1008.3	27.0	0.0	25.4	0.2	7	167	39	4	260	110	
87166 CORRIENTES AERO.	2727S	05846W	62	1002.3	1009.2	28.0	1.9	23.2	-0.9	4	83	-56	2	287	120	
87178 POSADAS AERO.	2722S	05558W	125			28.1	2.4	21.8	-1.6	5	80	-71	2	261	121	
87222 CATAMARCA AERO.	2836S	06546W	454	954.9	1004.3	28.0	2.2	18.3	-1.8	5	96	16	4	258		
87257 CERES	2953S	06157W	88	998.9	1008.9	26.6	1.7	22.2	0.1	5	62	-42	2	290	118	
87270 RECONQUISTA AERO	2911S	05940W	53	1003.7	1009.7	27.3	2.1	25.9	1.8		28	-116	0	296	125	
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70	1001.9	1009.9	26.6	1.1	21.5	-0.3	2	46	-95	1	273	135	
87305 JACHAL	3015S	06845W	1165	881.5	1483 Y	24.9	2.5	16.0	1.5	3	22	-5	3	211	80	
87311 SAN JUAN AERO	3134S	06825W	598			27.7	2.7	13.9	-1.3		1	-17	1			
87320 CHAMICAL AERO	3022S	06617W	461	956.7	1007.3	28.6		20.1		4	26	1	176	85		
87322 CHEPES	3120S	06636W	658	935.2	1006.5	28.5	3.9	17.2	-1.1	5	48	-37	2			
87328 VILLA DOLORES AERO	3157S	06508W	569	944.4	1006.7	27.0		18.4		11	130	5	257	95		
87344 COORDOBA AERO	3119S	06413W	474	956.3	1010.1	19.8	-2.7	19.4	0.0	10	113	2	3	256	110	
87349 PILAR OBSERVATORIO	3140S	06353W	338	972.3	1010.1	25.4	3.2	18.8	0.2	6	161	69	5	261	106	
87374 PARANA AERO	3147S	06029W	78	1001.3	1010.3	26.7	3.0	18.0	-2.1	5	60	-51	2	282	110	
87395 CONCORDIA AERO	3118S	05801W	38	1006.3	1010.7	27.9	3.3	17.8	-2.6	3	15	-93	1	252		
87418 MENDOZA AERO	3250S	06847W	704	930.7	1007.1	26.8	3.5	14.5	-1.1	2	6	-21	2	286	115	
87436 SAN LUIS AERO	3316S	06621W	713	928.7	1006.3	26.2	3.2	14.2	-1.0	5	109	35	4	309	110	
87453 RIO CUARTO AERO	3307S	06414W	421	961.9	1008.9	25.2	3.2	17.4	0.2	5	40	-46	1			
87467 MARCOS JUAREZ AERO	3242S	06209W	114	997.5	1010.5	25.0		17.1		6	37	1	246	100		
87480 ROSARIO AERO	3255S	06047W	25	1006.9	1009.9	25.0	2.1	21.0	0.9	3	62	-46	2	259	100	
87497 GUALEGUAYCHU AERO	3300S	05837W	21	1007.3	1010.1	23.7	0.3	19.4	0.1	6	57	-49	2	199	86	
87506 MALARGUE AERO	3530S	06935W	1425	856.8	1493 Y	20.3		10.1		1	4			2	258	
87509 SAN RAFAEL AERO	3435S	06824W	748	926.3	1008.1	24.6	2.9	15.8	2.2	4	15	-29	2	271	100	
87534 LABOULAYE	3408S	06322W	137	994.8	1010.7	23.2	0.8	17.8	-0.3	8	79	-28	3	263	100	
87544 PEHUAJO AERO	3552S	06154W	86	1001.2	1011.2	22.2	0.4	19.2	1.2	7	110	15	4	224	85	
87548 JUNIN AERO	3433S	06057W	81	1001.3	1010.7	22.3	0.5	19.3	1.0	8	130	45	4	240	95	
87582 AEROPARQUE	3434S	05825W	6	1010.5	1011.2	24.5		20.2		5	54	2	241	100		
87585 BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1008.9	1011.9	24.9	1.9	19.8	0.4	6	54	-53	2	232	92	
87596 PUNTA INDIO B.A.	3522S	05717W	22	1009.9	1012.4	23.8				2	55	2	246	100		
87623 SANTA ROSA AERO	3634S	06416W	191	987.6	1009.3	24.7	2.2	15.7	-0.8	4	26	-46	2	255	95	
87645 TANDIL AERO	3714S	05915W	175	991.7	1011.9	20.8		16.0		7	74	3	260			
87648 DOLORES AERO	3621S	05744W	9	1010.1	1011.2	21.8	1.0	17.3	-1.7	4	30	-51	1	221	95	
87679 PIGUE AERO	3736S	06223W	304	976.3	1011.1	21.8	1.2	14.4	-1.4	8	34	-76	2	247	90	
87688 TRES ARROYOS	3820S	06015W	115	998.8	1012.1	20.7	0.2	15.6	1.8	8	83	14	4	243	95	
87692 MAR DEL PLATA AERO	3756S	05735W	21			20.5	0.9	17.1	-1.1	4	63	-17	2	205	90	
87715 NEUQUEN AERO	3857S	06808W	271	979.1	1009.7	24.5	2.8	9.9	-1.0	0	0	-13	1	299	100	
87736 RIO COLORADO	3901S	06405W	79	1001.6	1010.7	24.3		10.7		2	34	3				
87750 BAHIA BLANCA AERO	3844S	06210W	83	1002.4	1012.0	23.7	2.0	16.5	3.2	7	40	-30	2	206	80	
87763 CATEDRAL 2000	4115S	07137W	1955	802.8	1474 Y	12.0		5.9		3	15					
87765 BARILOCHE AERO	4109S	07110W	840	917.9	1488 Y	15.7	2.1	9.0	-0.6	3	15	-7	3	296	110	
87784 SAN ANTONIO OESTE AERO	4044S	06457W	7	1008.1	1008.9	22.6	1.1	12.5	-0.4	1	1	-22	1	215	76	
87791 VIEDMA AERO	4051S	06301W	7	1008.6	1009.5	21.4	0.8	12.9	0.1	1	18	-27	2	265		
87803 ESQUEL AERO	4258S	07109W	785	921.2	1009.4	16.2	2.1	8.2	0.5	3	13	-3	4	290		
87814 PASO DE INDIOS	4349S	06853W	460	955.2	1007.3	20.4	2.8	7.5	-0.8	2	14	-3	3	238		
87828 TRELEW AERO	4312S	06516W	43	1004.8	1009.7	21.3	1.5	11.0	1.4	1	3	-16	2	318	119	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	1002.1	1007.6	19.9	1.6	9.2	0.9	1	2	-9	2	226	104	
87896 PUERTO DESEADO AERO	4744S	06555W	80	997.9	1007.3	16.1	1.2	10.8	1.1	6	18	0	4	190	105	
87903 LAGO ARGENTINO AERO	5020S	07218W	220	978.8	1004.7	13.9	1.0	6.8	0.1		1	-8	1	196	90	
87909 SAN JULIAN AERO	4919S	06747W	62	999.1	1006.3	16.7	1.7	9.4	0.4	3	9	-8	2	202		
87912 SANTA CRUZ AERO	5001S	06834W	111	991.1	1002.8	15.7	1.9	7.7		10		-11	2			
87925 RIO GALLEGOS AERO	5137S	06917W	19	1000.8	1003.2	14.0	1.6	9.0	1.1	14	32	11	5			
87934 RIO GRANDE B.A.	5348S	06745W	22	996.4	999.1	9.9	-0.3	8.6	-0.7	9	39	4	4	190		
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 ESPERANZA B.E.	6324S	05659W	13	986.4	987.9	7.4	8.2	5.4	0.5	17	49			116		
88968 ISLAS ORCADAS D.N. (OBS.)	6045S	04443W	6	991.5	992.9	4.9	4.1	5.4	-1.3	10	52	-12	3	86		
89034 GENERAL BELGRANO II B.E.	7752S	03437W	0	955.1	986.9	-7.4				1	2					
89053 TENIENTE JUBANY E.C.	6214S	05838W	4	988.5	989.9	2.6		6.6								

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
ANTARCTICA															
ARGENTINA (ANTARCTIC)	0°	0°	3		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
89055 CENTRO MET. ANTARTICO "VICEC."	6414S	05643W	198	962.7	986.8	-2.0	1.3	4.3	-1.0						
89066 GENERAL SAN MARTIN B.E.	6808S	06708W	4	981.1	981.6	2.2		4.9		2	3			60	
SOUTH AFRICA (ANTARCTIC)															99
89001 S.A.N.A.E. STATION	7018S	00221W	62	28	974.3	981.3	-11.9	-2.9							
UNITED KINGDOM (ANTARCTIC)															
89022 HALLEY	7530S	02639W	32	981.6	985.6	-8.8	1.1	2.3	-1.2						
89062 ROTHERA POINT	6734S	06808W	17	981.0	983.0	2.0		6.0							
CHILE (ANTARCTIC)															
89056 CENTRO MET. ANTARTICO "P.D.T.E."	6215S	05856W	10	28	986.4	987.5	2.4	0.9	6.5		14	83	34		
89057 BASE ARTURO PRAT	6230S	05941W	5	28	986.9	987.5	2.0		6.1		16	108			
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	28	985.3	986.5	0.7		5.5		16	104			
AUSTRALIA (ANTARCTIC)															
89564 MAWSON	6736S	06253E	16		984.7	986.3	-3.9		2.3					205	
89571 DAVIS	6835S	07758E	13		983.3	984.9	-2.8	-0.1	2.4		2	6	-10	4	202
USA (ANTARCTIC)															
89664 MCMURDO	7751S	16640E	24		987.6	991.3	-13.7	-4.9			4	17	-4	4	
SW PACIFIC															
MALAYSIA (PENIN. MALAYSIA)															
48601 PENANG/BAYAN LEPAS	0518N	10016E	4	1009.7	1010.1	27.3	0.1	26.4	1.0	3	15	-79	1	243	105
48615 KOTA BHARU	0610N	10217E	5	1001.0	1011.6	25.5	-0.5	25.6	-0.3	2	25	-38	2	255	111
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22	1008.2	1010.7	26.6	0.1	27.5	-0.3	8	216	59	5	189	90
48657 KUANTAN	0337N	10313E	16	1009.9	1011.7	24.9	-0.1	25.6	-1.5	3	31	-80	2	201	115
48665 MALACCA	0216N	10215E	9	1009.5	1010.5	26.7	0.3	27.1	-0.5	6	55	-43	2	202	105
SINGAPORE															
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16	1008.5	1010.4	26.6		27.0		2	52	1	186	105	
USA (PACIFIC OCEAN NORTH)															
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45	1010.1	1015.4	22.1	0.3	21.3	1.4	15	288	195	6	133	78
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5	1015.1	1015.6	23.1	0.5	21.0	1.6	11	165	94	5	227	111
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11	1014.7	1016.0	21.9	0.1	20.1	0.2	10	166	-176	2	149	107
91334 TRUK, CAROLINE IS.	0728N	15151E	2	1008.7	1009.0	28.3	1.0	29.1	1.0	15	98	-71	2	216	114
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46	1003.0	1008.2	27.2	0.0	28.6	0.5	19	271	-14	3	135	88
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3	1009.1	1009.4	26.8	-0.5	29.2	2.4	17	211	49	4	209	110
91408 KOROR, PALAU IS.	0720N	13429E	33	1005.3	1009.1	28.0	0.8	30.8	1.5	17	322	119	5	192	99
SOLOMON ISLANDS															
91520 HONIARA/HENDERSON	0925S	16003E	9	1005.9	1006.9	26.1		28.6		23	417	4	109	70	
VANUATU															
91554 PEKO A AIRPORT (ESPIRITU-SANTO)	1531S	16713E	56		1004.1	26.1	0.1	29.4		21	221	-111	2		
91557 BAUERFIELD (EFATE)	1742S	16818E	21	1001.4	1003.9	26.3		30.4		25	457			109	
91568 ANEITYUM	2014S	16946E	6		1004.2	26.1	0.0	29.4						99	
NEW CALEDONIA															
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18	1000.5	1002.6	26.3	0.1	28.0	1.4	11	184	3	3	184	92
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72	996.8	1005.0	25.6	-0.3	26.9	1.4	13	130	22	4	152	66
NEW ZEALAND (KIRIBATI)															
91610 TARAWA	0121N	17255E	4	1008.6	1009.0	26.9	-1.0	27.7	-1.3	2	7	-233	0	268	80
NEW ZEALAND (TUVALU)															
91643 FUNAFUTI	0831S	17913E	2	1008.6	1008.8	27.4	-0.5	29.6	-1.1	19	264	-88	2	135	100
FIJI															
91680 NANDI	1745S	17727E	18	1003.8	1005.9	26.2	-0.6	29.1	1.9	19	644	338	6	122	69
91683 NAUSORI	1803S	17834E	7	1004.6	1005.7	26.2	-0.2	29.3	0.0	23	206	-58	3		

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
SW PACIFIC																
NEW CALEDONIA (DETACHED IS.)	0°	0°	m		mb	mb	0°C	0C	mb	mb	mm	mm	hr			
91753 HIHIHO (ILE WALLIS)	1314S	17610W	27		1005.5	1008.6	26.4	-1.0	29.5	-1.0	22	525	188	5	118	60
SAMOA																
91762 APIA	1348S	17147W	2		1009.4	1009.7	26.5	-0.3	29.6	-0.4	24	564	244	6		72
NEW ZEALAND (COOK ISLANDS)																
91843 RAROTONGA	2112S	15949W	7	28	1012.2	1013.0	26.6	0.6	28.9	2.3	11	38	-161	1		121
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1006.0	1011.9	26.5	0.0	26.7	1.1	12	108	26	4	224	100
FRENCH POLY. (SOCIETY ISL)																
91930 BORA-BORA	1627S	15145W	3		1012.4	1012.7	26.5	-0.6	28.4	0.5	16	165	-66	2	235	115
91938 TAHITI-FAAA	1733S	14937W	2		1013.0	1013.3	26.6	0.0	28.1	1.5	15	181	-46	3	230	115
FRENCH POLY. (ITUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1012.4	1012.7	27.7	0.0	28.4	0.5	13	88	-80	2	219	105
91944 HAO	1804S	14057W	3		1013.6	1014.0	27.4	-0.2	26.8	-3.0	11	106	-104	2	249	105
91945 HEREHERETUE	1952S	14500W	3		1013.9	1014.3	27.0	-0.1	26.8	-2.1	11	119	-38	2	257	120
91948 RIKITEA	2308S	13458W	89		1005.9	1016.0	25.5	-0.5	25.5	-2.2	14	142	-20	3	240	110
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUA'I	2321S	14929W	3		1015.0	1015.3	26.2	0.6	27.2	0.9	7	79	-131	1	272	140
91958 RAPA	2737S	14420W	2		1017.2	1017.5	24.8	0.9	25.3	0.7	9	75	-122	1	208	140
NEW ZEALAND																
93012 KAITAIA	3508S	17316E	87		1002.2	1012.4	19.0		16.8		6	70		3	201	105
93119 AUCKLAND AIRPORT	3701S	17448E	6		1011.8	1012.6	19.9	-0.1	17.0	-0.4	5	59	-34	3	205	100
93291 GISBORNE AERODROME	3840S	17759E	8		1011.8	1012.8	18.0	-0.6	15.2	-1.1	4	14	-63	1	188	91
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36		1008.6	1012.3	17.7	-0.1	16.1	0.3	9	84	-21	2	245	126
93614 HOKITIKA AERODROME	4243S	17059E	40		1010.0	1011.3	17.0	1.4	15.4	0.5	9	100	-101	2	191	112
93780 CHRISTCHURCH AIRPORT	4329S	17233E	34		1006.8	1011.0	16.3	-0.3	18.5	5.2	3	28	-13	3	202	111
93844 INVERCARGILL AERODROME	4625S	16820E	1		1010.9	1011.1	13.7	0.0	12.4	0.2	14	129	57	5	150	93
93944 CAMPBELL ISLAND	5233S	16909E	19		1004.8	1007.1	9.4	0.2	9.8	-0.1	22	82	-25	1	82	99
93986 CHATHAM ISLAND	4357S	17634W	48		1006.4	1012.1	15.2	0.3	14.8	1.2	7	75	17	4	151	104
93997 RAOU'L ISLAND, KERMADEC IS.	2915S	17755W	49		1004.4	1010.1	22.0	-0.3	21.2	-1.3	10	90	-54	2	178	105
AUSTRALIA																
94120 DARWIN AIRPORT	1224S	13052E	30		1003.4	1006.8	28.4	0.5	30.7	1.7	17	162	-200	1		
94150 GOVE AIRPORT	1216S	13649E	54		1000.9	1007.0	28.3		30.7		7	103			207	
94175 THURSDAY ISLAND	1035S	14213E	61		1000.7	1007.6	27.3	0.4	30.0	0.8	17	516	162	5		
94203 BROOME AIRPORT	1757S	12213E	9		1005.7	1006.7	30.1	0.7	30.5	0.9	8	89	-77	2		
94212 HALLS CREEK AIRPORT	1813S	12739E	424		959.0	1005.3	32.3	2.6	18.2	-3.5	7	8	-111	0		
94238 TENNANT CREEK AIRPORT	1938S	13410E	376		964.3	1005.6	37.1	7.5	20.2	-0.4	1	1	-122	0	318	120
94287 CAIRNS AIRPORT	1653S	14545E	7		1006.3	1007.1	27.5	0.2	27.2	0.2	11	246	-203	1	213	
94294 TOWNSVILLE AIRPORT	1915S	14545E	6		1007.3	1008.0	27.5	0.4	25.8	0.0	9	146	-156	2	250	125
94299 WILLIS ISLAND	1618S	14959E	9		1005.5	1006.5	27.3	-0.7	29.3	-1.3	11	113	-95	2		
94300 CARNARVON AIRPORT	2452S	11340E	7		1007.0	1007.8	29.1	1.4	20.4	0.5	1	3	-19	3		
94302 LEARMONT AIRPORT	2214S	11405E	6		1006.4	1007.0	31.4		22.6		1	3			3	
94312 PORT HEDLAND AIRPORT	2022S	11837E	11		1005.3	1006.0	30.9	0.2	27.9	3.8	4	340	-248	5		
94326 ALICE SPRINGS AIRPORT	2348S	13354E	544		948.2	1008.3	28.3	0.6	8.8	-5.9	0	T	-37	1	332	111
94332 MT ISA AIRPORT	2039S	13929E	342		968.4	1006.0	30.3		14.9		2	17	-77	1	283	115
94346 LONGREACH AIRPORT	2326S	14416E	193		986.5	1008.0	27.4	-1.2	18.4	-3.7	3	118	35	4		
94367 MACKAY	2107S	14913E	31		1004.9	1008.4	25.1	-1.0	26.6	0.1	11	340	-44	3		
94380 GLADSTONE	2351S	15116E	76		1001.3	1009.9	25.0	-1.3	22.5	-1.4	13	209	44	4		
94403 GERALDTON AIRPORT	2847S	11442E	34		1005.5	1009.4	26.7	0.6	15.6	-0.9	3	28	16	5		
94430 MEEKATHARRA AIRPORT	2636S	11831E	518		951.5	1008.0	30.9	0.9	11.4	-1.2	2	15	-14	3		
94461 GILES	2502S	12818E	599		942.7	1007.9	31.5	2.3	7.8	-5.6	0	1	-50	2	306	110
94510 CHARLEVILLE AIRPORT	2625S	14616E	304		975.5	1009.3	27.4	0.2	14.3	-3.5	3	6	-68	1		
94527 MOREE	2928S	14951E	212		987.5	1011.4	25.7	-0.4	16.8	-1.4	3	34	-36	3	289	
94578 BRISBANE AIRPORT	2726S	15305E	6		1012.1	1012.7	23.3	-1.6	20.6	-1.4	12	120	-55	3	190	95
94610 PERTH AIRPORT	3156S	11557E	12		1008.5	1011.9	25.1	0.3	14.4	-0.7	4	24	9	5	257	90
94637 KALGOORLIE AIRPORT	3046S	12127E	360		971.4	1011.6	26.5	1.5	12.1	-1.4	3	10	-17	2		
94638 ESPERANCE	3349S	12153E	26		1011.9	1014.9	22.1	0.9	15.0	-0.1	4	16	-17	2		
94646 FORREST AIRPORT	3050S	12806E	160		994.6	1013.0	24.5	1.2	12.0	-1.3	0	1	-16	1		

SW PAC-AUSTRALIA

SURFACE

FEBRUARY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	DEPARTURE	QUINTILE	
SW PACIFIC																
AUSTRALIA	0°	0°	m		mb	mb	°C	°C	mb	mb	mm	mm	hr	%	%	
94653 CEDUNA AIRPORT	3207S	13342E		17	1012.7	1014.7	22.3	0.7	12.9	-1.5	0	0	-15	1		
94659 WOOMERA AERODROME	3109S	13648E		167	993.7	1012.7	25.4	-0.6	11.2	-2.7	0	0	-23	1	323	
94672 ADELAIDE AIRPORT	3456S	13831E		4	1014.5	1015.0	22.3	0.4	12.1	-1.7	1	2	-20	2	314	
94693 MILDURA AIRPORT	3414S	14205E		53	1007.5	1013.6	24.1	0.1	12.9	-1.1	1	3	-18	1	120	
94711 COBAR	3129S	14549E		265	981.7	1011.5	26.5	0.0	12.2	-2.8	1	2	-39	2	322	
94767 SYDNEY AIRPORT	3357S	15111E		3	1015.3	1015.8	22.7	-0.2	18.9	-0.1	7	63	-77	2	244	
94776 WILLIAMSTOWN AERODROME	3247S	15149E		11	1014.7	1015.6	21.5	-1.1	19.9	-0.3	5	117	-5	3	266	
94791 COFFS HARBOUR AIRPORT	3019S	15307E		5	1013.7	1014.4	23.0	0.1	20.8	-0.9	14	155	-80	3	214	
94802 ALBANY AIRPORT	3457S	11748E		69	1005.7	1013.8	19.5	-0.5	15.9	0.8	7	44	20	5		
94821 MT GAMBIER AIRPORT	3744S	14047E		69	1007.1	1015.2	19.4	1.4	12.7	-1.0	1	7	-19	2	254	
94865 LAVERTON AERODROME	3751S	14444E		14	1012.5	1015.0	20.6	0.5	15.0	0.0	3	25	-30	2	239	
94907 EAST SALE AERODROME	3806S	14708E		8	1014.4	1015.3	20.3	0.9	15.8	-0.1	5	17	-24	1	246	
94910 WAGGA AIRPORT	3509S	14727E		213	989.1	1013.4	23.4	-0.2	14.1	-1.4	3	22	-16	3	309	
94926 CANBERRA AIRPORT	3518S	14911E		577	948.9	1014.1	19.6	-0.2	13.7	-0.7	1	5	-51	1	261	
94975 HOBART AIRPORT	4250S	14730E		3	1014.7	1015.1	18.3	1.5	12.4	-0.7	2	22	-23	2	230	
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND	3131S	15905E		46	1012.7	1013.4	22.4	-0.4	18.5	-2.2	7	30	-86	1		
94996 NORFOLK ISLAND AIRPORT	2902S	16756E		109	998.1	1010.6	22.2	0.1	19.9	-0.6	5	57	-39	2	236	
94998 MACQUARIE ISLAND	5429S	15856E		6	1003.1	1003.8	8.1	1.3	8.8	-0.5	14	62	-19	2	103	
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E		27	1008.2	1010.8	25.0	-0.5	28.2	-1.1	19	709	170	5	93	
96441 BINTULU	0312N	11302E		5	1009.8	1010.3	25.9	0.3	29.4		14	128	-80	1	133	
96471 KOTA KINABALU	0556N	11603E		3	1009.3	1009.6	25.9	0.1	28.5	0.6	11	175	109	5	157	
96481 TAWAU	0416N	11753E		20	1007.4	1009.7	26.3		28.5		10	138	4	184	105	
ISLANDS																
96996 COCOS ISLAND AIRPORT	1211S	09649E		3	1009.0	1009.3	27.4	0.1	28.6	1.5	10	82	-72	1		
INDONESIA (SULAWESI)																
97146 KENDARI/WOLTERMONGINSISI	0406S	12226E		50	1001.3	1008.2	27.2	0.0	32.0		17	254				
97180 UJUNG PANDANG/HASANUDDIN	0504S	11933E		14	1008.3	1010.3	25.5	-0.4	28.7		25	696	182	5	149	
INDONESIA (MALUKU/IRIAN JAYA)																
97686 WAMENA/WAMENA	0404S	13857E	1660		832.8		19.3	0.3	17.8		21	222	-13	3		
97760 KAIMANA/UTAROM	0340S	13345E		3	1008.7	1009.4	27.1	0.0	31.4		19	262	11	3		
97980 MERAUKE/MOPAH	0828S	14023E		3	1006.7	1007.0	27.0	0.5	30.2		16	212	-113	0		
PHILIPPINES																
98135 BASCO	2027N	12158E		11	28	1014.7	1015.9	23.7	0.9	20.6	-1.8	12	73	-54	1	
98223 LAOAG	1811N	12032E		5	1012.8	1013.4	25.5		23.4		0	0	0	214	65	
98232 APARRI	1822N	12138E		4	1001.5	1001.8	24.7	0.6	26.4	2.5	13	63	-19	3		
98233 TUGUEGARAO	1737N	12144E		24	1007.2	1014.2	24.2		22.0		5	30				
98325 DAGUPAN	1603N	12020E		2	1010.4	1010.6	26.9	0.3	24.9	0.8	2	8	1	4	179	
98328 BAGUIO	1625N	12036E	1501		851.7	1010.5	18.4		16.0		3	64				
98429 MANILA INTL AIRPORT	1431N	12100E		15	1007.0	1009.4	25.7	-0.3	26.4	2.7	6	30	25	5		
98444 LEGASPI	1308N	12344E		17	28	1008.6	1010.5	24.8	-0.9	28.1	1.0	18	677	489	6	
98550 TACLOBAN	1115N	12500E		21	1009.6	1009.9	25.9	0.0	28.1	1.1	15	330	123	5		
98637 ILOILO	1042N	12234E		8	1009.4	1010.3	26.5	0.4	29.8	2.9	6	33	9	5		
98644 TAGBILARAN	0936N	12351E		6	1007.8	1008.5	27.5				14	41			2	
98646 MACTAN	1018N	12358E		9	1009.1	1010.5	27.0		28.1		9	72				
98653 SURIGAO	0948N	12530E			1003.3	1009.6	25.8	0.2	29.8	1.6	17	350	-132	2		
98836 ZAMBOANGA	0654N	12204E		6	28	1006.9	1007.6	27.6	0.8	29.8	2.1	6	38	-6	3	
SHIP SITE																
OCEAN WEATHER STATIONS																
99030 CHARLIE	5245N	03530W		0		1005.7		2.3		5.4		17	72			
								S 5.6								

AFRICA-BURKINA FASO

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
JAN 1987	°	°	m	m	mb	mb	°C	°C	mb	mb	m	m	mm	hr
AFRICA														
BURKINA FASO														
65501 DORI	1402N	00002W	277	31	981.8	1013.3	24.1	0.7	6.4	-1.0	0	0	0	0
65502 OUAHIGOUYA	1334N	00225W	336	31	974.9	1012.5	25.5	1.1	5.3	-1.5	0	0	0	0
65503 OUAGADOUGOU	1221N	00131W	306	31	977.9	1012.2	25.6	0.5	8.0	0.0	0	0	0	0
65507 FADA N'GOURMA	1202N	00022E	309	31	977.3	1012.0	26.0	0.7	7.4	0.1	0	0	0	0
65510 BOBO-DIOULASSO	1110N	00419W	460	31	960.5	1011.4	26.9	1.3	8.0	0.9	0	0	-1	0
65516 BOROMO	1145N	00256W	271	31	981.3	1011.8	25.9	0.3	7.9	0.3	0	0	-1	5
65522 GAOUA	1020N	00311W	335	31	974.0	1011.2	27.4	0.6	9.6	-0.2	0	0	-4	0
FEB 1987														
AFRICA														
BURKINA FASO														
65501 DORI	1402N	00002W	277	28	980.1	1011.2	27.2	1.0	7.0	-0.7	0	0	0	0
65502 OUAHIGOUYA	1334N	00225W	336	28	973.3	1010.5	28.5	1.4	6.5	-1.0	0	0	0	0
65503 OUAGADOUGOU	1221N	00131W	306	28	976.4	1010.3	28.9	1.1	8.1	-0.6	0	0	-2	0
65507 FADA N'GOURMA	1202N	00022E	309	28	975.7	1009.9	29.0	1.4	7.9	-0.2	0	0	0	0
65510 BOBO-DIOULASSO	1110N	00419W	460	28	959.4	1009.8	29.2	1.3	2.1	-6.4	0	0	-4	0
65516 BOROMO	1145N	00256W	271	28	979.8	1009.9	29.2	1.0	8.0	-0.3	0	0	-1	0
65522 GAOUA	1020N	00311W	335	28	972.8	1009.6	30.2	1.0	11.7	-0.3	0	0	-4	0
MAR 1987														
AFRICA														
BURKINA FASO														
65501 DORI	1402N	00002W	277	31	977.8	1008.4	30.6	0.8	8.1	-1.2	0	T	-2	4
65502 OUAHIGOUYA	1334N	00225W	336	31	971.1	1008.0	31.0	0.7	7.9	-1.4	0	0	-2	0
65503 OUAGADOUGOU	1221N	00131W	306	31	974.4	1008.0	30.9	0.0	11.3	-0.8	2	13	7	5
65507 FADA N'GOURMA	1202N	00022E	309	31	973.6	1007.6	31.2	0.4	11.1	-1.2	0	0	-11	2
65510 BOBO-DIOULASSO	1110N	00419W	460	31	957.7	1007.9	30.3	0.6	12.9	-0.8	2	4	-16	2
65516 BOROMO	1145N	00256W	271	31	977.9	1007.7	31.2	0.4	11.3	-1.5	0	0	-7	0
65522 GAOUA	1020N	00311W	335	31	971.2	1007.9	31.0	0.4	15.7	-0.7	1	20	-13	3
APR 1987														
AFRICA														
BURKINA FASO														
65501 DORI	1402N	00002W	277	30	978.5	1009.0	32.2	-0.6	6.7	-6.6	0	0	-5	0
65502 OUAHIGOUYA	1334N	00225W	336	30	971.7	1008.4	33.1	0.4	6.1	-7.7	0	0	-8	0
65503 OUAGADOUGOU	1221N	00131W	306	30	975.0	1008.3	33.0	0.6	9.5	-8.2	0	0	-23	0
65507 FADA N'GOURMA	1202N	00022E	309	30	974.3	1008.1	32.9	0.8	10.9	-7.8	1	20	-7	3
65510 BOBO-DIOULASSO	1110N	00419W	460	30	958.2	1008.1	32.1	2.2	16.2	-3.6	1	15	-32	1
65516 BOROMO	1145N	00256W	271	30	978.3	1008.0	33.0	1.2	11.5	-7.6	0	0	-40	1
65522 GAOUA	1020N	00311W	335	30	971.8	1008.4	31.7	1.6	20.7	-2.7	2	45	-35	2
MAY 1987														
AFRICA														
BURKINA FASO														
65501 DORI	1402N	00002W	277	31	975.9	1006.0	35.4	1.7	16.6	-3.2	0	T	-26	1
65502 OUAHIGOUYA	1334N	00225W	336	31	969.5	1005.8	35.2	2.3	15.7	-4.6	0	0	-31	0
65503 OUAGADOUGOU	1221N	00131W	306	31	973.5	1006.7	33.7	2.5	20.8	-2.6	3	67	-21	2
65507 FADA N'GOURMA	1202N	00022E	309	31	973.0	1006.7	33.3	2.5	20.8	-3.5	3	21	-64	1
65510 BOBO-DIOULASSO	1110N	00419W	460	31	957.7	1007.8	30.5	1.9	24.1	0.2	5	53	-58	1
65516 BOROMO	1145N	00256W	271	31	977.4	1007.0	32.8	2.3	22.8	-1.3	4	62	-28	2
65522 GAOUA	1020N	00311W	335	31	971.5	1008.3	30.1	1.5	27.3	1.2	6	38	-81	1

AFRICA-BURKINA FASO

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
JUN 1987	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	3	44	-36	2	109
AFRICA															
BURKINA FASO															
65501 DORI	1402N	00002W	277	30	979.4	1009.9	32.7	1.0	24.4	1.1	3	44	-36	2	109
65502 OUAHIGOUYA	1334N	00225W	336	30	973.3	1010.2	30.5	-0.2	24.1	0.5	12	124	38	5	97
65503 OUAGADOUGOU	1221N	00131W	306	30	977.3	1011.1	29.8	0.9	25.5	0.2	7	164	40	5	97
65507 FADA N'GOURMA	1202N	00022E	309	30	976.8	1011.1	28.9	0.4	26.8	1.4	9	112	-9	3	89
65510 BOBO-DIOULASSO	1110N	00419W	460	30	961.2	1012.1	26.7	0.0	26.8	1.9	16	170	44	5	83
65516 BOROMO	1145N	00256W	271	30	981.3	1011.5	28.8	0.6	26.8	1.2	12	150	36	5	102
65522 GAOUA	1020N	00311W	335	30	975.0	1012.2	27.4	0.6	26.7	0.5	11	117	-22	2	92
JUL 1987															
AFRICA															
BURKINA FASO															
65501 DORI	1402N	00002W	277	31	978.4	1009.0	31.4	2.7	25.6	-0.1	6	119	-38	2	107
65502 OUAHIGOUYA	1334N	00225W	336	31	972.2	1009.2	30.2	2.2	23.6	-2.2	8	106	-78	1	103
65503 OUAGADOUGOU	1221N	00131W	306	31	976.4	1010.3	28.6	1.5	26.6	0.3	13	148	-40	2	103
65507 FADA N'GOURMA	1202N	00022E	309	31	975.9	1010.3	27.4	0.8	27.4	1.1	10	171	-32	2	100
65510 BOBO-DIOULASSO	1110N	00419W	460	31	960.0	1011.0	26.3	1.0	26.3	1.2	10	130	-101	1	116
65516 BOROMO	1145N	00256W	271	31	980.2	1010.5	27.7	1.2	27.6	1.4	11	199	2	4	109
65522 GAOUA	1020N	00311W	335	31	973.7	1011.0	26.6	0.9	27.7	1.8	15	231	46	4	113
AUG 1987															
AFRICA															
BURKINA FASO															
65501 DORI	1402N	00002W	277	31	978.7	1009.4	30.1	2.4	26.4	-0.4	6	30	-157	0	88
65502 OUAHIGOUYA	1334N	00225W	336	31	972.5	1009.7	28.3	1.3	25.4	-1.4	10	89	-120	0	99
65503 OUAGADOUGOU	1221N	00131W	306	31	976.5	1010.6	27.2	1.1	27.3	0.5	13	222	-26	3	100
65507 FADA N'GOURMA	1202N	00022E	309	31	976.0	1010.6	26.4	0.8	28.1	1.2	10	160	-113	1	97
65510 BOBO-DIOULASSO	1110N	00419W	460	31	960.0	1011.3	24.8	0.1	26.5	1.0	20	362	43	4	97
65516 BOROMO	1145N	00256W	271	31	980.3	1010.7	26.5	0.6	27.8	1.0	14	220	-36	2	98
65522 GAOUA	1020N	00311W	335	31	973.8	1011.3	25.5	0.2	27.8	1.6	20	352	134	5	106
SEP 1987															
AFRICA															
BURKINA FASO															
65501 DORI	1402N	00002W	277	30	979.4	1010.1	30.8	2.1	26.2	0.2	7	67	-24	2	92
65502 OUAHIGOUYA	1334N	00225W	336	30	973.1	1010.3	28.5	0.9	25.9	-0.3	11	121	-1	3	96
65503 OUAGADOUGOU	1221N	00131W	306	30	977.0	1010.9	28.3	1.6	27.1	0.4	8	131	-22	2	101
65507 FADA N'GOURMA	1202N	00022E	309	30	976.4	1010.9	26.9	0.8	28.7	1.5	9	135	-54	2	95
65510 BOBO-DIOULASSO	1110N	00419W	460	30	960.4	1011.5	25.9	0.7	26.8	1.4	11	89	-118	0	101
65516 BOROMO	1145N	00256W	271	30	980.8	1011.1	27.2	1.0	28.3	1.4	8	158	-28	2	97
65522 GAOUA	1020N	00311W	335	30	974.2	1011.6	26.2	0.6	28.0	1.5	13	184	-19	3	107
OCT 1987															
AFRICA															
BURKINA FASO															
65501 DORI	1402N	00002W	277	31	978.9	1009.5	31.3	1.0	19.4	0.1	0	0	-14	2	99
65502 OUAHIGOUYA	1334N	00225W	336	31	972.4	1009.3	30.5	1.1	19.6	-0.7	4	6	-21	2	104
65503 OUAGADOUGOU	1221N	00131W	306	31	976.1	1010.0	28.6	-0.2	23.7	0.3	6	39	-1	4	97
65507 FADA N'GOURMA	1202N	00022E	309	31	975.6	1010.0	28.1	0.2	23.5	-0.5	7	26	-12	3	87
65510 BOBO-DIOULASSO	1110N	00419W	460	31	959.7	1010.6	26.9	0.1	24.4	0.8	4	45	-25	3	90
65516 BOROMO	1145N	00256W	271	31	979.9	1010.2	28.0	0.0	25.3	1.0	6	59	16	4	95
65522 GAOUA	1020N	00311W	335	31	973.4	1010.6	27.4	0.1	26.5	1.1	6	71	-19	3	102

AFRICA-BURKINA FASO

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE		
NOV 1987	0°	0°	±													
AFRICA																
BURKINA FASO																
65501 DORI	1402N	00002W	277	30	980.1	1011.1	27.9	0.4	11.8	0.9	0	0	0	5	106	
65502 OUAHIGOUYA	1334N	00225W	336	30	973.1	1010.3	29.0	1.8	9.4	-1.8	0	0	-2	0	103	
65503 OUAGADOUGOU	1221N	00131W	306	30	976.4	1010.4	28.1	0.2	13.4	-0.1	0	0	-1	0	103	
65507 FADA N'GOURMA	1202N	00022E	309	30	975.8	1010.2	28.0	1.0	11.9	-1.6	0	0	-1	0	95	
65510 BOBO-DIOULASSO	1110N	00419W	460	30	959.5	1010.2	28.0	1.0	14.2	-1.4	0	0	-9	0	93	
65516 BOROMO	1145N	00256W	271	30	979.9	1010.2	27.3	0.1	14.0	-0.7	0	0	-7	0	94	
65522 GAOUA	1020N	00311W	335	30	973.0	1010.0	28.4	0.6	19.7	1.2	1	1	-15	2	98	
DEC 1987																
AFRICA																
BURKINA FASO																
65501 DORI	1402N	00002W	277	31	981.7	1013.1	24.1	-0.1	13.9	5.3	0	0	0	0	94	
65502 OUAHIGOUYA	1334N	00225W	336	31	974.6	1012.2	25.4	0.7	7.5	-0.9	0	0	-1	5	98	
65503 OUAGADOUGOU	1221N	00131W	306	31	977.7	1012.1	25.3	-0.1	9.4	-0.4	0	0	-1	0	93	
65507 FADA N'GOURMA	1202N	00022E	309	31	977.1	1011.8	25.4	0.1	9.0	-0.3	0	0	-2	0	88	
65510 BOBO-DIOULASSO	1110N	00419W	460	31	960.4	1011.5	26.0	0.6	9.0	-0.5	0	0	-4	4	88	
65516 BOROMO	1145N	00256W	271	31	981.2	1011.6	25.5	-0.1	9.4	-0.2	0	0	-5	4	96	
65522 GAOUA	1020N	00311W	335	31	973.8	1011.2	26.5	-0.1	12.7	-0.1	0	0	-10	3	92	
JAN 1988																
EUROPE																
SWEDEN																
02361 HARNOSAND	6238N	01757E	8	31	1005.2	1006.5	-2.1	4.6	4.9	1.2	15	98	50	5	100	
SPAIN																
08001 LA CORUNA	4322N	00825W	67	31	1007.4	1015.5	11.5	1.5	10.8	1.1	22	206	71	5	51	53
08141 VALLADOLID	4139N	00446W	735	31	931.8	1019.0	6.6	2.7	8.6	1.6	9	61	13	4	75	70
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258	31	986.6	1017.7	9.4	3.6	8.6	1.3	11	72	49	6	118	85
08181 BARCELONA/AEROPUERTO	4117N	00204E	6	31	1015.1	1015.9	11.2	2.4	10.0	3.7	7	126	86	5	112	75
08222 MADRID	4025N	00341W	667	31	942.1	1020.6	7.8	2.1	8.6	1.3	12	60	10	4	111	71
08306 PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	31	1016.5	1017.5	11.5	-2.8	11.6	1.5	8	46	-195	4	124	80
08314 MENORCA/MAHON	3952N	00414E	82	31	1007.0	1017.0	12.7	2.0	12.0	1.9	10	79	13	4	100	79
08329 BADAJOZ	3853N	00658W	195	31	999.4	1020.5	9.9	1.0	10.7	0.8	11	86	25	5	105	70
08359 ALICANTE	3822N	00030W	82	31	1008.6	1018.4	13.5	2.0	10.3	1.1	4	33	15	5	146	80
08487 ALMERIA/AEROPUERTO	3651N	00223W	21	31	1015.6	1018.1	13.7	1.4	11.5	1.8	3	10	-15	2	176	95
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62	31	1016.3	1023.8	13.5	-0.9	11.9	-1.4	12	68	-57	1	90	
08513 PONTA DELGADA (ACORES)	3745N	02540W	36	31	1020.4	1024.8	13.6	-0.8	11.7	-1.6	10	36	-84	1	120	
08515 SANTA MARIA (ACORES)	3658N	02510W	100	31	1013.3	1025.5	14.0	-0.4	11.1	-1.4	7	22	-91			
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56	31	1017.3	1024.0	15.8	0.0	12.5	-0.4	4	24	-60	1	60	
EUROPE																
PORTUGAL																
08535 LISBOA	3843N	00909W	95	31	1010.3	1021.9	12.4	1.6	12.1	1.7	15	120	9	3	80	
08546 PORTO/SERRA DO PILAR	4108N	00836W	100	31	1006.3	1018.5	10.7	1.7	10.9	1.8	23	217	58	4	45	
AUSTRIA																
11028 ST. POELTEN	4812N	01537E	282	31	981.2	1015.7	2.2	4.0	6.4	1.5	6	15	-19	1	115	
11035 WIEN/HOHE WARTE	4815N	01622E	209	31	990.2	1015.6	3.0	3.9	6.6	1.0	6	20	-17	1	88	
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	598	31	944.8	1016.0	2.3	4.3	5.4	0.8	7	40	-11	3	132	
11146 SONNBLICK	4703N	01257E	3107	31	688.1	2969 Z	-9.7	3.2	2.2	0.1	14	143	14	4	101	
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450	31	961.7	1014.8	2.4	4.2	5.9	1.0	11	60	1	3	128	
11155 FEUERKOGEL	4749N	01344E	1621	31	837.3	1634 Y	0.0	4.2	3.9	0.8	16	117	-89	1	121	

EUROPE-AUSTRIA

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN OC	DEPARTURE OC	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE hr	
JAN 1988	0°	0°	0												
EUROPE															
AUSTRIA															
11212 VILLACHERALPE	4636N	01340E	2160	31	781.2	1046.4	Y	-4.3	3.4	3.5	0.7	10	92	4.4	98
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452	31	963.1	1018.6		-1.0	3.6	5.1	0.7	6	51	11.4	42
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	31	974.9	1017.2		0.3	3.7	6.0	1.4	4	38	6.3	105
YUGOSLAVIA															
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	31	1011.8	1018.0		8.0	2.9	8.2	2.2	9	124	-71.2	110
13586 SKOPJE-PETROVAC	4158N	02139E	239	31	980.9	1010.4		3.1	2.9	6.9	1.3	4	11	-29.1	
MALTA															
16597 LUQA	3551N	01429E	91	31	1009.5	1018.3		14.0	1.7	12.7	1.3	10	53	-35.2	87
GREECE															
16622 THESSALONIKI/MIKRA	4031N	02258E	4	31	1019.4	1020.1		7.5	2.3	8.8	1.8	4	22	-24.1	
16641 KERKYRA	3937N	01955E	4	31	1016.2	1016.8		12.0	2.3	11.4	2.3	11	99	-76.1	110
16648 LARISSA	3938N	02225E	74	31	1009.2	1018.3		7.3	2.0	9.0	1.7	7	38	-2.3	90
16714 ATHINAI/OBSERVATORY	3758N	02343E	107	31	1004.9	1017.9		11.1	1.7	10.4	1.9	5	38	-18.2	190
16716 ATHENS(HELLINIKON)	3754N	02344E	15	31	1016.3	1018.3		11.6	1.2	10.4	1.2	5	50	-1.3	
16726 KALAMATA	3704N	02201E	8	31	1016.2	1017.6		11.5	0.8	10.6	1.4	10	190	64.5	
16746 SOUDA	3529N	02407E	151	31	999.6	1018.1		11.9	1.1	10.5	0.8	9	80	-76.1	
16754 HERAKLION	3520N	02511E	39	31	1012.7	1017.7		12.8	0.7	10.2	0.6	8	42	-56.1	205
SYRIAN ARAB REPUBLIC															
40001 KAMISHLI	3703N	04113E	455	31	964.3	1019.0		6.1	-0.1	7.5	1.0	14	153	69.5	40
40007 ALEPPO	3611N	03713E	393	31	973.2	1020.8		5.7	0.0	8.0	0.8	12	87	25.4	26
40022 LATTAKIA	3532N	03546E	7	31	1017.6	1018.5		11.8	0.0	9.7	1.1	9	172	23.4	46
40030 HAMA	3508N	03643E	309	31	982.5	1019.8		7.4	0.1	8.9	1.5	15	104	41.5	
40045 DEIR EZZOR	3519N	04009E	212	31	993.9	1019.8		6.9	0.0	8.7	1.4	11	74	42.5	34
40061 PALMYRA	3433N	03818E	404	31	970.9	1019.5		6.9	0.0	8.0	0.8	9	41	19.5	34
40080 DAMASCUS NEW INTL AIRPORT	3325N	03631E	611	31	946.4	1018.5		6.8	0.0	8.1	1.1	8	51	7.4	49
JORDAN															
40270 AMMAN AIRPORT	3159N	03559E	768		927.7	1018.2		8.2	0.3			7	50	-10.3	
ASIA															
AFGHANISTAN															
40911 MAZAR-I-SHARIF	3642N	06712E	378	31	977.0	1024.0		4.5	1.5	6.4	0.2	5	33	0.3	85
40938 HERAT	3413N	06213E	964	31	909.8	1025.0		2.3	0.5	6.1	1.2	4	44	-11.3	89
40942 CHAKHCHARAN	3432N	06516E	2230	31	776.3	1511	Y	-4.8	4.6	2.9	0.3	7	18	-13.2	94
40948 KABUL AIRPORT	3433N	06913E	1791	31	823.3	1536	Y	1.4	3.9	3.9	0.5	7	47	9.4	97
40990 KANDAHAR AIRPORT	3130N	06551E	1010	31	904.2	1021.0		7.7	2.4	7.4	2.2	4	72	20.4	54
UNITED ARAB EMIRATES															
41217 ABU DHABI INTL AIRPORT	2426N	05439E	27	31	1015.1	1017.9		17.7		12.8	0	1			
PAKISTAN															
41712 DAL BANDIN	2853N	06424E	850	31	920.9	1511	Y	10.9	1.8	6.1	0.8	3	9	-13.2	
INDIA															
42261 AGRA	2710N	07802E	169	31	996.1	1015.5				10.8	0.2	2	5	-10.3	
42647 AHMADABAD	2304N	07238E	55	31	1008.1	1014.5		22.1	2.1	10.7	0.2	0	0	-3.4	96
42731 DWARKA	2222N	06905E	11	31	1013.3	1014.6		22.9	2.1	18.5	3.1	0	0	-2.3	
42909 VERARVAL	2054N	07022E	8	31	1012.2	1013.1		23.3	1.9	17.5	3.2	0	0	-1.5	
43057 BOMBAY/COLABA	1854N	07249E	11	31	1011.5	1012.7		26.1	1.7	21.9	2.8	0	0	-1.4	78
43363 PAMBAN	0916N	07918E	11	31	1011.1	1012.5		26.9	1.0	25.6	-0.5	2	5	-30.2	
SRI LANKA															
43413 MANNAR	0859N	07955E	3		1011.9	1012.3		27.2	1.0		0	1	-53.0		
43418 TRINCOMALEE	0835N	08115E	7					26.9	1.0		4	13	-156.0		
43466 COLOMBO	0654N	07952E	7		1010.1	1010.9		28.1	1.7	26.2	0.8	1	3	-72.0	
JAPAN															
47407 ASAHIKAWA	4346N	14222E	116	31	996.4	1011.2		-5.8	2.7	3.3	0.5	23	78	-2.3	115

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	% OF AV.	
JAN 1988	0°	0°	0	8	mb	mb	°C	°C	mb	mb	mm	mm	%	
ASIA														
JAPAN														
47409 ABASHIRI	4401N	14417E	43	31	1004.5	1009.9	-5.8	0.8	2.9	0.0	10	39	-29 1	137
47426 URAKAWA	4210N	14247E	33	31	1007.8	1011.9	-2.7	0.4	3.5	0.1	12	46	-4 3	83
47604 NIIGATA	3755N	13903E	6	31	1016.4	1017.2	3.7	1.7	5.7	0.3	22	209	17 4	103
47605 KANAZAWA	3633N	13639E	28	31	1015.3	1018.7	4.8	1.9	6.3	0.3	24	286	-23 3	125
47624 MAEBASHI	3624N	13904E	113	31	1002.0	1015.9	5.2	2.4	4.7	0.5	2	10	-15 2	109
47636 NAGOYA	3510N	13658E	56	31	1012.0	1018.9	5.6	2.0	5.7	0.3	5	28	-22 2	97
47648 CHOISHI	3543N	14051E	28	31	1011.8	1015.2	8.2	2.4	6.8	1.0	8	44	-46 1	110
47655 OMAEZAKI	3436N	13813E	47	31	1010.8	1016.5	8.4	2.3	6.6	0.6	8	48	-31 2	99
47765 HIROSHIMA	3422N	13226E	30	31	1014.3	1020.9	6.0	1.7	6.3	0.5	19	24	-29 1	99
47772 OSAKA	3441N	13531E	50	31	1013.7	1019.9	7.2	2.2	6.2	0.6	5	34	-17 2	107
47800 IZUHARA	3412N	12918E	22	31	1018.9	1021.7	6.4	1.5	6.6	0.8	5	44	-29 2	116
47815 OITA	3314N	13137E	13	31	1019.3	1020.9	7.1	1.6	6.8	0.7	5	22	-27 2	109
47817 NAGASAKI	3244N	12952E	35	31	1017.2	1021.6	8.1	1.7	7.6	0.8	8	56	-25 2	124
47830 MIYAZAKI	3155N	13125E	7	31	1019.3	1020.2	9.0	2.2	8.2	1.2	4	12	-59 1	97
47893 KOCHI	3333N	13332E	18	31	1017.3	1019.5	7.4	1.8	6.4	0.4	6	40	-27 2	94
47927 MIYAKOJIMA	2447N	12517E	41	31	1013.7	1018.5	19.7	2.5	19.1	4.0	23	258	115 6	67
AFRICA														
SPAIN (CANARY ISLANDS)														
60020 SANTA CRUZ DE TENERIFE	2828N	01615W	46		1020.3	1024.6	17.9	0.2	13.0	-0.4	4	57	12 4	166 97
TUNISIA														
60715 TUNIS CARTHAGE	3650N	01014E	4	31	1018.0	1018.0	13.0	1.9	10.6	0.1	7	49	-14 3	
SIERRA LEONE														
61856 LUNGI	0837N	01312W	27	31	1005.7	1008.6	27.3	0.7	22.8	-4.6	0	0	-9 0	95
61866 BONTHE	0732N	01230W	8	31	1011.4	1011.7	28.3	1.3	25.5	-2.4	0	0	-15 0	91
61878 NJALA	0806N	01206W	56	31	1001.8	1008.1	24.6	-1.5	21.2	-4.3	0	0	-10	83
61881 BO	0757N	01146W	93	31	1000.0	1010.9	24.8	-1.6	21.7	-3.7	0	0	-5 3	40
61891 DARU	0759N	01051W	186	31	989.2	1010.6	23.6	-1.9	18.4	-6.2	0	0	-20 0	76
ETHIOPIA														
63331 GONDAR	1232N	03726E	1966	29	804.5		19.1	-1.5	7.8	-2.3				
63402 JIMMA	0740N	03650E	1577	31	832.8		18.4	-0.9	14.7	2.5	6	43	20 5	103
63450 ADDIS ABABA	0859N	03848E	2324	31	765.6		17.3	0.9	9.1	-0.6	2	9	-16 3	95
63471 DIRE DAWA	0936N	04152E	1146	31	887.2		22.4	0.0	15.1	1.0	1	19	-2 4	99
TOGO														
65351 DAPAON	1052N	00015E	330		972.0	1009.0	27.8		6.7		0	0		233
BURKINA FASO														
65522 GAOUA	1020N	00311W	335		973.7	1011.1	25.9	-0.9	9.1	-0.7	0	1	-3 5	263
LIBERIA														
65660 ROBERTS FIELD	0615N	01021W	18	31	1010.4	1011.4	25.8	-0.1	24.7	-3.1	0	0	-37 0	
MADAGASCAR														
67197 FORT-DAUPHIN	2502S	04657E	9	31	1009.8	1010.8	27.1	1.1	28.3	1.0	8	159	-41 3	266 120
MOZAMBIQUE														
67215 PEMBA	1258S	04030E	50	31	998.2	1009.3	27.6	0.6	29.6	0.5	8	43	-110	90
67217 LICHINGA	1317S	03515E	1365	31	864.4	1507 Y	20.2	0.8	20.0	0.8	18	304	78 5	101
67237 NAMPULA	1506S	03917E	441	31	959.5	1009.3	25.3	0.4	25.6	0.9	21	310	67 4	98
67261 TETE	1611S	03335E	150	31	991.8	1008.7	29.2	1.6	28.1	1.3	10	203	31 4	126
67283 QUELIMANE	1753S	03653E	16	31	1007.7	1009.6	28.5	1.0	28.5	-0.4	7	218	-39 3	135
67297 BEIRA	1948S	03454E	16	31	1007.7	1009.5	28.1	0.8	28.3	0.0	10	305	32 4	109
67323 INHAMBARNE	2352S	03523E	15	31	1009.2	1010.8	27.8	1.2	27.4	0.5	5	49	-107 2	135
67341 MAPUTO/MAVALANE	2555S	03234E	44	31	1007.0	1012.2	27.3	1.3	24.5	-1.3	3	18	-155	115
MALAWI														
67586 KAMUZU INTL.	1347S	03346E	1229	31	878.4	1505 Y	21.1		20.8		24	231		

N AMER-CANADA

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	% OF AV.
JAN 1988	0°	0°	3	mb	mb	°C	°C	mb	mb	days	mm	mm	hr	%
N AMERICA														
CANADA														
71072 MOULD BAY A, N.W.T.	7614N	11919W	12	31	1019.3	1021.0	-30.7	2.7	0.4	0.0	2	7	4	5
71081 HALL BEACH, N.W.T.	6847N	08115W	8	31	1006.6	1007.8	-32.9	-2.5	0.3	-0.3	0	3	-5	2
71082 ALERT, N.W.T.	8230N	06220W	63	31	1003.4	1012.6	-32.3	-0.3	0.4	0.0	3	6	-1	3
ST. PIERRE AND MIQUELON														
71805 SAINT-PIERRE	4646N	05610W	5	31	1014.9	1015.5	-2.5	-0.4	4.5	0.2	11	60	-47	1
BAHAMAS														
78073 NASSAU AIRPORT	2503N	07728W	7	31	1020.3	1021.1	21.6	0.8	19.9	0.3	10	86	42	5
DOMINICAN REPUBLIC														
78457 PUERTO PLATA	1945N	07033W	15		1017.0	1018.6					12	401	182	5
78486 SANTO DOMINGO	1826N	06953W	14		1015.7	1017.4	25.1	1.0	23.4	-0.9	6	33	-20	3
ST. MARTIN, ST. BARTH., GUAD.														
78897 LE RAIZET, GUADELOUPE	1616N	06131W	8	31	1015.7	1016.6	25.3	1.8	24.2	1.0	18	73	5	4
MARTINIQUE														
78925 LE LAMENTIN	1436N	06100W	4	31	1014.5	1015.3	25.3	1.6	25.1	1.9	22	94	-21	3
BARBADOS														
78954 GRANTLEY ADAMS	1304N	05929W	56	31	1008.6	1015.1	25.5	0.0	26.4	1.8	15	69	8	4
S AMERICA														
VENEZUELA														
80403 CORO	1125N	06941W	17	31	1012.5	1014.3	27.0	0.8	25.5			1	-34	1
80407 MARACAIBO-LA CHINITA	1034N	07144W	65	31	1001.0	1002.5	25.7	-0.9	16.7	-8.1				
80410 BARQUISIMETO	1004N	06919W	614	31	944.8	1012.6	23.7	0.6	20.6					
80413 MARACAY - B.A. SUCRE	1015N	06739W	437	31	966.2	1015.0	24.0	0.7	22.7	3.2				
80415 CARACAS/MAIQUETIA AEROP. INTL	1036N	06659W	48	31	1007.7	1013.1	24.7	0.1	27.9		1	6	-47	2
80416 CARACAS/LA CARLOTA	1030N	06653W	835	31	919.9	1016.6	19.3	-0.9	19.2	1.4	2	9	-10	3
80419 BARCELONA	1007N	06441W	7	31	1011.8	1012.6	27.3	2.0	24.8	0.9				
80420 CUMANA	1027N	06411W	4	31	1012.9	1013.5	24.6	0.9	24.0			1	-1	
80421 PORLAMARIAP INTL DEL CARIBE	1055N	06358W	19	31	1013.7	1015.9	27.5	2.2	29.2		14	50	15	
80423 GUIRIA	1035N	06219W	14	31	1012.0	1013.7	26.7	0.8	26.5		8	30	-6	3
80425 MENE GRANDE	0949N	07056W	28	31	1007.8	1010.8	28.2	1.1	26.4					
80426 VALERA	0921N	07037W	582	31	951.6	1016.5	23.1	0.0	22.2		5	11	-24	
80427 ACARIGUA	0933N	06914W	225	31	988.0	1013.3	26.8	0.9	21.3					
80428 GUANARE	0901N	06944W	163	31	994.0	1012.4	26.8	1.3	23.4					
80435 MATORIN	0945N	06311W	66	31	1003.7	1011.3	24.6	-0.3	23.2		6	27	-31	2
80438 MERIDA	0836N	07111W	1498	31	853.2	1013.3	18.6	0.8	15.5	-0.5	4	18	-29	2
80444 CIUDAD BOLIVAR	0809N	06333W	48	31	1007.8	1013.3	25.9	-0.6	19.2	-5.7	1	-29	1	106
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378	31	970.0	1012.4	24.5	0.0	23.5	1.1	1	4	-38	1
80450 SAN FERNANDO DE APURE	0754N	06725W	48	31	1007.5	1013.0	27.0	0.6	26.4	2.0				
80453 TUMEREMO	0718N	06127W	181	31	926.6	1013.1	25.1	1.3	14.6		13	74	-19	2
80457 PUERTO AYACUCHO	0536N	06730W	74	31	1001.5	1009.9	28.3	0.8	27.5	2.8	1	4	-32	2
80462 SANTA ELENA DE UAIREN	0436N	06107W	907	31	913.3	1014.9	21.9	0.3	20.4	0.7	5	36	-32	2
80475 STO. DOMINGO (B.A.)	0735N	07204W	327	31	974.0	1010.8	23.3	0.3	21.2		3	13	-23	129
80478 TEMBLADOR	0901N	06237W	30	31	1006.9	1010.5	24.7	-0.2	25.9		6	25	-14	107
GUYANA														
81001 GEORGETOWN	0648N	05809W	2		1012.4	1012.8	26.5	0.2	28.7	1.0	13	125	-112	2
81002 TIMEHRI	0630N	05815W	30		1009.5	1013.0	25.1	0.2	26.4	-0.9	16	121	-122	
FRENCH GUIANA														
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9	31	1011.5	1012.6	26.0	0.6	28.9	0.8	26	386	-37	3
BRAZIL														
82098 MACAPA	0002N	05103W	15	31	1008.9	1010.7	26.4	29.7		23	316			
82191 BELEM	0127S	04828W	24	31	1010.7	1011.3	26.0	0.3	30.9	2.3	28	551	195	5
82280 SAO LUIZ	0232S	04417W	51	31	1004.8	1010.6	26.5	0.3	30.5	1.7	19	368	91	4
82445 ITAITUBA	0416S	05558W	45	31	1007.5	1012.7	26.8	33.2		22	296			

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SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN mb	STATION	MEAN mb	SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN MM	TOTAL mm	
JAN 1988	0°	0°	3	3	3	3	3	3	3	3	3	3	3	
S AMERICA														
BRAZIL														
82562 MARABA	0521S	04909W	102 31	1001.4	1012.5	26.8		29.8		20	209			
82571 BARRA DO CORDA	0530S	04516W	153 31	992.1	1011.8	25.8	0.6	29.6	1.0	17	256	93	5	
82640 JACAREACANGA	0616S	05744W	98 31	999.1	1010.4	26.2		30.8		22	241			
82765 CAROLINA	0720S	04728W	192 31	989.1	1013.1	25.9	1.0	28.1		19	219	-71	3	
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160 31			26.2	0.6			21	177	-76	2	
82983 PETROLINA	0923S	04029W	370 31	968.6	1009.6	27.9	0.9	22.2	0.2	6	51	-102		
83377 BRASILIA	1547S	04756W	1158 31							12	142	-108		
ECUADOR														
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6 31	1010.1		25.8	0.6	27.2	1.1	2	5	-48	1	
84088 IZOBAMBA-SANTA CATALINA	0022S	07833W	3058 31	706.6		12.5	0.9	10.7	-0.1	12	157	33	4	
84132 NUEVO ROCAFUERTE	0055S	07524W	215 31			25.8	0.0	28.5	0.0	11	181	49		
84135 PORTO VIEJO-GRANJA	0102S	08026W	44 31	1005.5		26.5	0.5	27.0	2.0	9	51	-15	3	
84140 PICHILINGUE	0106S	07928W	73 31	1001.9		24.8	-0.4	27.8	1.2	21	424	43	4	
84179 EL PUYO	0130S	07757W	950 31			21.3	0.5	22.8	1.3	15	213	-88	2	
84202 MILAGRO	0207S	07936W	13 31	1012.3		26.3	0.3	27.3	0.7	15	434	203	5	
84203 GUAYAQUIL/SIMON BOLIVAR	0209S	07953W	9 31	1010.9		26.7	0.5	25.7	1.8		389	183	5	
84226 CANAR	0233S	07856W	3120 31			10.9	-0.3	11.4	0.4	9	46	5	4	
84270 LOJA/LA ARGELIA	0402S	07912W	2040 31			16.1	0.3	14.0	0.7	16	117	24	5	
BOLIVIA														
85041 COBIJA	1105S	06852W	252 30			1013.3	27.5	1.6			9	93	-116	0
85043 RIBERALTA	1101S	06607W	135 31			1011.4	28.3	1.5			14	245	-30	2
85114 MAGDALENA	1320S	06409W	141 29			1008.0	28.3	1.1			7	169	-74	1
85141 RURRENABAQUE	1429S	06729W	202 31			1006.4	28.9	2.1			15	134	-164	0
85154 TRINIDAD	1451S	06457W	157 31			1008.9	28.6	1.5			17	213	-104	2
85196 CONCEPCION	1615S	06206W	497 30			1010.2	26.0	0.7			16	193	17	3
85201 LA PAZ/ALTO	1631S	06811W	4071 31	628.5		9.9	0.7				25	145	2	3
85207 SAN IGNACIO DE VELASCO	1622S	06057W	413 30			1009.4	27.3	2.0			10	210	34	3
85223 COCHABAMBA	1727S	06606W	2548 31	749.5		21.5	2.3				14	76	-42	2
85230 CHARANA	1735S	06927W	4057 31	625.9		11.8	1.3				19	108	12	4
85242 ORURO	1803S	06704W	3702 31	653.4		14.0	1.1				11	61	-24	2
85245 SANTA CRUZ	1748S	06310W	414 30			1006.9	26.9	0.4			18	162	-35	3
85268 ROBORE	1819S	05945W	265 30			1008.9	30.0	2.2			7	68	-102	1
85283 SUCRE	1901S	06516W	2903 31	719.3		18.1	2.0				16	176	26	3
85289 PUERTO SUAREZ	1900S	05744W	135 30			1006.7	28.8	0.9			16	240	87	6
85315 CAMIRI	2003S	06334W	810 30			1014.0	27.4	1.3			10	96	-72	1
85365 YACUIBA	2201S	06342W	643 31			27.2	0.3				10	314	123	5
CHILE														
85406 ARICA	1821S	07020W	55 31	1006.7	1014.1	22.1	0.1	18.3	-0.8	0	0	0	0	
85442 ANTOFAGASTA	2326S	07027W	140 31	999.7	1013.7	19.6	-0.3	17.6	0.0	0	0	0	0	
85469 ISLA DE PASCUA	2710S	10926W	69 31	1014.7	1020.3	23.2	-0.1	22.5	0.8	12	46	-26	1	
85488 LA SERENA	2955S	07112W	146 31	997.9	1014.8	16.2	-0.9	15.3	0.4	0	T	T	5	
85585 ISLA ROBINSON CRUSOE	3337S	07850W	30 31	1015.9	1019.4	18.3	-0.3	14.3	-0.9	1	3	-29	0	
85766 VALDIVIA	3938S	07305W	19 31	1013.3	1015.5	15.6	-0.4	12.8	-1.4	4	50	-18	3	
85799 PUERTO MONTT	4126S	07306W	90 31	1006.5	1016.7	12.4	-1.9	11.2	-1.7	11	84	6	3	
85934 PUNTA ARENAS	5300S	07051W	44 31	995.2	999.5	10.2	-0.2	8.7	0.3	3	15	-21	2	
PARAGUAY														
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181 31	990.2	1010.5	29.0	-0.2	24.9	2.5	9	68	-36	2	
86086 PUERTO CASADO	2217S	05752W	87 31	998.7	1008.0	28.4	-0.2	28.6	2.9	7	55	-75	1	
86134 CONCEPCION	2325S	05718W	74 31	999.3	1009.0	28.1	0.4	27.2	1.6	7	79	-53	2	
86218 ASUNCION/AEROPUERTO	2516S	05738W	101 31	999.9	1010.0	27.2	-1.2	25.4	1.5	6	152	-13	3	
86233 VILLARRICA	2545S	05626W	161 31	992.4	1010.8	25.8	-1.2	25.1	1.3	8	194	22	3	
86248 PUERTO PRESIDENTE STROESSNER	2532S	05436W	196 31	988.0	1009.0	27.1	0.9	25.8	1.5	10	188	16	3	
86255 PILAR	2651S	05819W	56 31	1004.3	1010.9	27.7	0.0	26.0	1.0	9	126	-35	3	
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126 31	997.5	1011.8	26.8	0.2	25.1	1.9	9	108	-68	2	
86297 ENCARNACION	2719S	05550W	91 31	1001.8	1010.9	26.2	-0.3	23.9	0.3	7	207	70	5	
URUGUAY														
86360 SALTO	3123S	05757W	34 31	1005.8	1009.6	25.3	0.7	28.2	13.4	13	296	174	6	
86440 MELO	3222S	05411W	100 31	998.3	1010.2	23.2	-0.7	21.5	2.0	12	312	227	6	

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SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MM TOTAL	DEPARTURE	QUINTILE
JAN 1988	0°	0°	0												
S AMERICA															
URUGUAY															
86460 PASO DE LOS TOROS	3248S	05631W	75	31	1001.1	1009.9	24.1	-0.4	20.8	-1.5	9	181	72	4	
86490 MERCEDES	3315S	05804W	22	31	1008.1	1010.0	24.7	0.2	21.4	2.7	8	130	55	4	
86500 TREINTA Y TRES	3313S	05423W	46	31	1005.0	1010.4	23.3	1.0	21.2	3.1	8	227	146	5	
86560 COLONIA	3427S	05750W	23	31	1007.2	1010.0	24.0	0.2	19.9	-0.4	6	108	5	4	
86565 ROCHA	3429S	05418W	18	31	1009.1	1011.2	22.2	0.3	20.7	0.6	9	205	107	5	
ANTARCTICA															
SOUTH AFRICA (ANTARCTIC)															
89001 S.A.N.A.E. STATION	7018S	00221W	62	31	982.6	989.8	-2.6	1.2	0.8	-3.8					
CHILE (ANTARCTIC)															
89056 CENTRO MET. ANTARTICO "POTE"	6215S	05856W	10	31	992.5	993.6	1.3	-0.1	5.3		3	6	-23		
89057 BASE ARTURO PRAT	6230S	05941W	5	31	993.0	993.6	1.4		5.6		7	20			
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	992.4	993.5	0.6		5.6		1				
SW PACIFIC															
NEW CALEDONIA															
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18	31	1005.7	1007.8	26.3	0.4	27.7	1.3	7	138	-22	3	91
NEW ZEALAND															
93012 KAITAIA	3508S	17316E	87		1008.7	1018.9	18.6		15.6		1	2	0		122
93119 AUCKLAND AIRPORT	3701S	17448E	6		1018.2	1019.0	18.8	-0.6	17.0	-0.2	1	12	-49	1	103
93291 GISBORNE AERODROME	3840S	17759E	8		1015.5	1016.5	18.9	0.1	15.7	-0.4	3	73	13	4	117
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36		1014.5	1018.3	16.7	-0.7	14.9	-1.3	2	16	-85	0	126
93434 WELLINGTON	4117S	17446E	128		1000.8	1016.0	16.6	0.2	13.8	-0.5	4	28	-58	1	118
93614 HOKITIKA AERODROME	4243S	17059E	40		1012.8	1018.1	14.7	-0.6	14.3	-0.3	12	137	-83	2	97
93780 CHRISTCHURCH AIRPORT	4329S	17233E	34		1009.9	1014.1	16.7	0.0	13.8	0.5	5	17	-35	1	137
93844 INVERCARGILL AERODROME	4625S	16820E	1		1012.5	1012.7	14.1	0.3	12.5	0.3	12	116	20	4	111
93944 CAMPBELL ISLAND	5233S	16909E	19		1001.9	1004.2	8.9	-0.4	9.3	-0.9	22	85	-31	2	71
93986 CHATHAM ISLAND	4357S	17634W	48		1007.5	1013.3	14.1	-0.4	13.5	0.0	10	35	-24	2	106
93997 RAOUL ISLAND, KERMADEC IS.	2915S	17755W	49		1009.6	1015.4	22.2	0.5	21.3	-0.2	12	73	-46	3	104
PAPUA NEW GUINEA															
94014 MADANG M.O.	0513S	14548E	12		1007.0	1007.6	27.7	1.0	30.3	2.2	22	306	-50	2	93
PHILIPPINES															
98135 BASCO	2027N	12158E	11	31	1013.9	1015.1	23.7	1.5			22	372	201	5	
98429 MANILA INTL AIRPORT	1431N	12100E	15	31	1011.4	1012.6	26.6	1.0	28.1	3.0	5	25	12	4	
NOV 1988															
AFRICA															
MADAGASCAR															
67009 DIEGO-SUAREZ	1221S	04918E	105	30	1001.8	1013.7	26.6	-0.2	23.4	-0.2	5	28	-29	3	263
67019 ANALALAVA	1438S	04746E	57	30	1007.3	1013.9	27.1	0.0	23.7	-3.1	3	31	-156	1	302
67025 ANTALAHIA	1453S	05015E	88	30	1004.0	1014.2	24.9	0.4	23.6	-1.5	3	10	-102	0	249
67027 MAJUNGA	1540S	04621E	18	30	1011.0	1013.1	27.9	0.2	24.8	-2.2	0	0	-113	0	303
67073 MAINTIRANO	1803S	04402E	23	30	1011.3	1013.9	26.8	-0.2	26.4	-1.2	6	64	16	4	304
67083 ANTANANARIVO/IVATO	1848S	04729E	1276	30	876.0	1533	19.4	-0.7	16.2	-0.9	11	115	-64	2	227
67095 TAMATAVE	1807S	04924E	6	30	1015.0	1015.7	23.8	-0.7	23.9	-1.9	12	211	32	4	220
67143. MANANJARY	1212S	04822E	6	30	1015.2	1015.9	24.0	-0.2	26.1	-0.1	14	253	37	4	215
67161 TULEAR	2323S	04344E	8	30	1013.2	1014.1	24.7	-0.6	24.0	0.2	2	15	-13	3	314
67197 FORT-DAUPHIN	2502S	04657E	9	30	1015.1	1016.1	23.0	-0.7	22.5	-1.3	15	290	141	5	219
DEC 1988															
AFRICA															
SUDAN															
62640 ABU HAMED	1932N	03319E	312		975.6	1011.8	22.3	1.4	10.6	1.7	0	0	-T	0	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE	MEAN mb	DEPARTURE	DAYS 1 MM	TOTAL	% OF AV.
DEC 1988	0°	0°	3										
AFRICA													
SUDAN													
62641 PORT SUDAN	1935N	03713E	2	1012.6	1012.7	23.1	-1.3	25.0	2.0	0	T	-13	2
62660 KARIMA	1833N	03151E	249	982.5	1011.4	21.5	1.2	9.1	1.0	0	0	-T	0
62680 ATBARA	1742N	03358E	345		1010.8	24.6	2.0	13.1	2.3	0	0	-T	0
62730 KASSALA	1528N	03624E	500	953.3	1008.8	25.9	0.9	15.4	0.5	0	0	-T	0
62751 WAD MEDANI	1424N	03329E	408	952.0	1008.7	23.3	0.3	13.5	3.0	0	0	-T	0
62752 GEDAREF	1402N	03524E	599	940.3	1005.6	26.1	0.3	11.2	-1.2	0	0	0	5
62762 SENNAR	1333N	03337E	418	961.1	1008.3	24.3		11.3		0	0		102
62772 KOSTI	1310N	03240E	381	966.0	1006.9	24.8	1.0	13.9	0.7	0	0	-T	0
62781 EN NAHUD	1242N	02826E	564	947.6	1010.3	25.8	4.0	7.8	1.5	0	0	0	5
62795 ABU NA'AMA	1244N	03408E	445	952.6	1006.2	27.3	2.3	10.5		0	0	-T	0
62810 KADUGLI	1100N	02943E	499	963.6	1008.5	25.6		15.1		0	0		194
62840 MALAKAL	0933N	03139E	388	964.5	1007.8	28.0	2.6	12.0	0.0	0	0	0	293
JAN 1989													
ASIA													
JAPAN													
47971 CHICHIJIMA	2705N	14211E	8	1017.6	1018.5	19.5	1.3	15.8		7	132	44	4
47991 MINAMITORISHIMA	2418N	15358E	9	1016.2	1017.3	22.4		20.0		9	53		
AFRICA													
SENEGAL													
61698 KOLDA	1253N	01458W	10			23.0	-0.6	10.4	-2.0	0	0	0	5
61699 KEDOUGOU	1234N	01213W	167	992.1	1010.9	25.8	-0.7	5.9	-5.0	0	0	-T	0
SEYCHELLES													
63980 SEYCHELLES INTL AIRPORT	0440S	05531E	3	1009.1	1009.5	26.7	-0.3	29.3		15	316	-95	3
SOUTH AFRICA													
68263 PRETORIA (IRENE)	2555S	02813E	1500	850.6	1506	Y	19.9		15.6	7	64		213
68476 LADYSMITH	2834S	02946E	1100	892.8	1526	Y	21.6		18.9	9	164		229
S AMERICA													
ARGENTINA													
87418 MENDOZA AERO	3250S	06847W	704	930.1	1007.1	25.4	0.6	14.7	-0.5	6	66	35	5
87436 SAN LUIS AERO	3316S	06621W	713	929.3	1007.3	25.2	1.1	15.4	0.4	11	78	-18	2
87448 VILLA REYNOLDS AERO	3344S	06523W	486	954.1	1008.5	24.1	0.3	17.7	0.4		36	-94	0
87453 RIO CUARTO AERO	3307S	06414W	421	960.8	1007.9	25.1	2.1	17.2	-0.4	5	45	-69	1
87467 MARCOS JUAREZ AERO	3242S	06209W	114	996.0	1008.9	26.4		20.3		6	37	1	297
87480 ROSARIO AERO	3255S	06047W	25	1005.6	1008.5	25.8	1.8	20.8	0.3	8	62	-66	2
87497 GUALEGUAYCHU AERO	3300S	05837W	21	1006.0	1008.8	26.9	2.4	18.5	-1.1	4	29	-96	1
87506 MALARGUE AERO	3530S	06935W	1425	856.0	1483	Y	17.9		10.0	2	8	2	306
87509 SAN RAFAEL AERO	3435S	06824W	748			24.5	1.2	16.2	2.9	4	26	-19	3
87532 GENERAL PICO AERO	3542S	06345W	145	992.8	1009.2	27.4		23.8		4	20	1	190
87534 LABOULAYE	3408S	06322W	137	993.6	1009.3	26.2	2.6	16.1	-2.0	5	26	-77	1
87544 PEHUAJO AERO	3552S	06154W	86			24.2	1.2	18.4	0.5	4	39	-56	1
87548 JUNIN AERO	3433S	06057W	81	999.6	1011.5	24.9	1.8	17.8	-1.1	6	113	-26	3
87576 EZEIZA AERO	3449S	05832W	20	1007.3	1009.6	25.9	2.7	19.1	0.7	4	7	-104	1
87582 AEROPARQUE	3434S	05825W	6	1009.0	1009.7	25.7		20.6		3	16	1	326
87585 BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1007.2	1010.1	26.4	2.3	20.6	1.1	2	18	-109	0
87596 PUNTA INDIO B.A.	3522S	05717W	22			25.1		19.8		0	0	0	293
87623 SANTA ROSA AERO	3634S	06416W	191	986.9	1008.7	25.3	1.5	13.3	-3.1	5	36	-31	2
87642 AZUL AERO	3645S	05950W	132	994.7	1009.9	23.7	2.5	16.8	-1.0	6	59	-43	1
87645 TANDIL AERO	3714S	05915W	175	990.0	1010.0	22.2		15.6		5	92	3	252
87648 DOLORES AERO	3621S	05744W	9	1009.2	1010.3	23.9	2.3	18.6	-0.4	4	11	-88	0
87692 MAR DEL PLATA AERO	3756S	05735W	21	1007.6	1010.0	21.0	0.9	17.1	-0.8	3	35	-58	1
87715 NEUQUEN AERO	3857S	06808W	271	978.3	1008.9	24.2	1.9	9.2	-1.1	1	1	-13	2
87736 RIO COLORADO	3901S	06405W	79	999.7					14.4	3	23	1	315
87750 BAHIA BLANCA AERO	3844S	06210W	83	1000.9	1010.5	24.4	1.5	14.3	0.9	3	31	-23	2
87763 CATEDRAL 2000	4115S	07137W	1955	802.3	1474	Y	8.5		6.7	5	23	2	210

S AMER-ARGENTINA

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE mb	MEAN °C	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE hr	QUINTILE		
JAN 1989	0°	0°	3													
S AMERICA																
ARGENTINA																
87765 BARILOCHE AERO	4109S	07110W	840	916.8	1476	Y	15.6	1.6	8.9	-0.6	0	7	-28	1	359	106
87774 MAQUINCHAO	4115S	06844W	888				19.0	1.5	9.3	1.5	0	0	-10	2		
87791 VIEDMA AERO	4051S	06301W	7	1007.3	1008.1		21.2	-0.5	12.6	0.6	4	9	-18	2	306	
87803 ESQUEL AERO	4258S	07109W	785	919.2	1007.5		15.5	1.4	8.4	1.0	1	3	-24	1	320	
87828 TRELEW AERO	4312S	06516W	43	1002.9	1007.9		21.3	0.7	9.5	1.0	1	3	-9	1		
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	999.5	1004.9		19.2	0.4	8.2	0.3	2	16	-3	4	258	99
87896 PUERTO DESEADO AERO	4744S	06555W	80	995.2	1004.4		17.0	1.9	9.8	-0.1	3	22	-3	3	216	115
87903 LAGO ARGENTINO AERO	5020S	07218W	220	975.3	1001.1		14.0	1.2	6.3	-0.4	6	6	-11	2		
87909 SAN JULIAN AERO	4919S	06747W	62	996.0	1003.3		15.4	0.3			5	9	-18	2	276	
87912 SANTA CRUZ AERO	5001S	06834W	111	988.0	1001.1		14.1	-0.2	6.6		37	16	5			
87925 RIO GALLEGOS AERO	5137S	06917W	19	997.6	999.9		14.0	1.3	8.4	-0.1	18	65	31	5		
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
89034 GENERAL BELGRANO II B.E.	7752S	03437W	0	961.5	992.9		-1.6		0.8		0	2				
89055 CENTRO MET.ANTARTICO"VICEC.	6414S	05643W	198						8.4		18	65				91

EUROPE-NORWAY

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND										
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION						
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps
EUROPE - NORWAY																															
030	22918	12	-55.3	29.2	9	81	252	38	030	22909	0	-52.1	29.4	9	93	272	39	030	23503	1	-45.1		6	92	269	20					
050	19679	6	-58.6	26.2	8	85	253	34	050	19612	0	-58.5	25.6	9	92	275	33	050	20052	0	-48.3		6	99	266	56					
100	15360	3	-51.3	24.2	3	93	256	27	100	15278	0	-55.9	24.0	9	93	277	24	100	15551	0	-55.4		5	93	260	36					
150	12836	1	-56.6	22.7	3	92	255	23	150	12753	0	-55.3	21.7	9	93	279	21	150	12968	0	-56.4		5	91	261	29					
200	11035	1	-56.5	19.1	3	89	256	21	200	10947	0	-63.4	18.1	9	90	280	20	200	11143	0	-57.8		5	89	261	26					
300	8490	1	-55.7	13.0	3	77	257	18	300	8410	0	-53.6	12.7	9	82	280	19	300	8577	0	-53.9		5	87	259	25					
500	5099	0	-35.1	12.1	1	58	253	10	500	5045	0	-37.2	10.5	9	73	281	13	500	5167	0	-33.0	6.5	5	82	262	16					
700	2676	0	-19.5	11.4	2	35	242	4	700	2646	0	-21.9	11.5	9	64	285	8	700	2713	0	-15.4	5.1	5	80	252	13					
850	1212	0	-12.7	6.8	1	4	143	1	850	1196	0	-14.7	5.7	9	43	302	5	850	1219	0	-2.7	4.3	5	79	241	12					
994	*	9	-7.7	2.3				992	*	18	-11.0	1.4					990	*	8	1.5	2.1										
EUROPE - NORWAY																															
030	23560	3	-44.1	31.9	5	75	250	26	030	23684	1	-45.8	29.7	1	72	249	21	030	23670	1	-46.7		2	77	250	24					
050	20118	2	-48.8	28.9	4	81	256	29	050	20279	0	-50.4	27.8	0	82	258	25	050	20307	1	-50.5		2	86	250	25					
100	15638	2	-55.6	24.2	4	87	259	29	100	15795	0	-53.8	27.0	0	89	261	27	100	15807	1	-54.3		2	91	255	26					
150	13065	2	-56.5	21.7	4	85	258	26	150	13200	0	-54.4	24.9	0	86	261	25	150	13226	1	-54.5		1	90	255	25					
200	11245	2	-57.8	17.8	4	79	259	25	200	11354	0	-56.0	20.5	0	83	264	26	200	11386	1	-55.5		1	90	255	28					
300	8687	2	-53.9	11.2	4	74	259	24	300	8771	0	-51.9	13.9	0	75	261	25	300	8791	1	-50.1		1	75	255	25					
500	5249	2	-31.4	7.9	4	74	253	16	500	5309	0	-29.6	9.7	0	79	258	18	500	5318	1	-29.5	5.8	1	83	255	21					
700	2782	2	-14.4	7.6	4	78	253	13	700	2823	0	-12.4	9.8	0	77	257	13	700	2830	1	-16.1	4.7	1	81	245	15					
850	1281	2	-4.5	6.3	4	70	244	11	850	1314	0	-4.0	5.3	0	64	256	9	850	1321	1	-3.3	3.3	1	66	240	11					
995	*	10	3.1	2.2				977	*	201	1.5	3.8					998	*	33	4.3	2.5										
EUROPE - SWEDEN																															
030	23757	9	-41.0	32.8				030	23708	5	-47.1	33.0					030	23735	2	-47.7	30.3										
050	20325	9	-44.0	30.5				050	20347	1	-49.6	31.6					050	20363	0	-51.1	28.6										
100								100								100															
150	13130	2	-54.7	24.5				150	13243	0	-53.8	26.8					150	13280	1	-54.8	23.9	8	91	265	22						
200	11290	2	-56.8	20.5				200	11403	0	-56.5	20.6					200	11440	0	-56.0	20.0	6	83	261	21						
300	8729	0	-53.2	13.3	7	62	265	16	300	8824	0	-51.7	14.4	7	66	274	17	300	8862	0	-51.0	14.7	4	78	270	23					
500	5280	0	-30.4	9.5	3	71	262	14	500	5355	0	-28.7	10.8	0	77	273	17	500	5379	0	-28.0	10.5	4	72	277	14					
700	2801	0	-13.0	11.4	2	70	260	11	700	2851	0	-11.7	11.3	0	83	270	14	700	2866	0	-11.4	8.5	2	76	260	13					
850	1291	0	4.4	6.7	2	62	273	9	850	1341	0	2.8	7.1	0	80	267	12	850	1354	0	3.0	5.3	2	81	263	12					
1009	*	6	0.8	2.7				1009	*	22	3.3	2.4					1008	*	155	3.5	2.0										
EUROPE - FINLAND																															
030	23534	3	-41.4		3	94	271	36	030	23691	0	-44.6		0	85	269	25	030	23757	0	-44.1		0	79	265	21					
050	20087	2	-45.9		2	94	271	38	050	20288	0	-48.2		0	87	270	28	050	20320	1	-48.5		0	85	267	25					
100	15529	0	-53.6		0	94	273	33	100	15745	0	-52.7		0	88	273	27	100	15802	1	-53.0		0	86	273	25					
150	12939	0	-56.6		0	92	276	29	150	13135	0	-53.9		0	87	277	26	150	13193	0	-53.8		0	85	276	24					
200	11120	0	-58.2		0	90	278	25	200	11296	0	-55.7		0	85	280	25	200	11353	0	-55.8		0	84	279	24					
300	8564	0	-55.9	9.0	0	79	277	20	300	8711	0	-52.6	11.3	0	78	281	24	300	8767	0	-51.9	10.7	0	78	281	24					
500	5166	0	-33.4	8.1	0	73	279	13	500	5267	0	-31.0	8.7	0	74	278	16	500	5307	0	-29.8	8.8	0	75	277	16					
700	2717	0	-16.4	7.7	0	69	270	9	700	2797	0	-13.9	9.1	0	73	270	12	700	2824	0	-12.8	9.9	0	75	270	12					
850	1232	0	-8.0	5.2	0	61	253	7	850	1297	0	-5.4	6.3	0	66	259	10	850	1318	0	-4.4	6.1	0	69	263	10					
973	*	179	-9.0	1.5				984	*	145	-1.7	2.9					990	*	103	0.0	1.8										
EUROPE - UNITED KINGDOM																															
030	23530	8	-45.0		2	79	242	27	030	23482	9	-47.7		5	86	244	26	030	23965	1	-48.6		1	74	238	14					
050	20170	0	-50.5		0	90	247	30	050	20131	6	-52.0		1	90	245	27	050	20364	1	-52.9		1	88	250	18					
100	15708	0	-55.2		0	95	250	31	100	15702	3																				

EUROPE-U KINGDOM

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction			
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
EUROPE - UNITED KINGDOM CRAWLEY 03774 5105N 00013W OB 3																										
030	23724	1	-50.2		3	61	238	10	030	23736	11	-51.7		9	76	262	16	030	23100	4	-42.8		5	78	230	39
050	20438	0	-53.7		0	87	251	14	050	20446	6	-53.0		9	89	251	18	050	19712	1	-52.0		1	89	236	44
100	16010	0	-55.8		0	91	261	17	100	15983	1	-56.2		5	92	266	24	100	15311	1	-58.8		1	93	240	34
150	13417	0	-55.1		0	90	266	19	150	13399	1	-55.0		4	89	270	26	150	12765	1	-58.6		1	92	239	27
200	11587	0	-56.9		0	83	266	20	200	11557	1	-56.0		3	86	270	26	200	10965	1	-58.9		1	90	237	23
300	9009	0	-50.9		0	70	263	20	300	8965	0	-50.0	12.8	1	81	265	28	300	8420	1	-57.3		1	70	228	16
500	5504	0	-25.3	12.4	0	76	256	16	500	5449	0	-26.0	11.7	0	86	258	23	500	5055	1	-36.9	6.0	1	46	217	8
700	2979	0	-8.5	13.0	0	79	258	13	700	2934	0	-9.4	10.6	0	80	257	16	700	2641	1	-19.0	7.6	1	50	224	7
850	1447	0	-0.5	8.5	0	76	253	11	850	1413	0	-2.0	3.2	0	74	254	13	850	1166	1	-8.9	4.7	1	29	223	4
999	* 144		6.3	2.5				1010	*	14		8.1	3.1					981	*	54			-2.9	3.4		
EUROPE - DENMARK (GREENLAND) EGEDESMINDE 04220 6842N 05245W OB 3																										
030	22802	1	-52.1					030	22802	1	-52.1		2	82	233	46	030									
050	19501	1	-57.3					050	19501	1	-57.3		2	87	239	41	050									
100	15146	0	-62.1					100	15146	0	-62.1		1	93	245	36	100									
150	12637	0	-60.9					150	12637	0	-60.9		0	90	249	28	150									
200	10846	0	-59.9					200	10846	0	-59.9		0	92	243	24	200									
300	8204	0	-12.9		0	67	175	9	300	8316	0	-59.3		1	82	240	17	300								
500	4935	0	-44.2		0	65	175	7	500	5004	0	-41.3		0	70	243	10	500	5021	1	-40.8	12.5				
700	2604	0	-29.0	9.9	0	57	180	5	700	2644	0	-25.5	10.0	0	69	259	6	700	2647	1	-24.4	12.4	1	36	290	4
850	1194	0	-22.0	10.2	0	21	185	1	850	1210	0	-16.5	8.9	0	33	279	2	850	1218	1	-21.9	10.6	1	56	330	5
994	* 40		-24.4	3.9				997	*	4		-19.5	5.2					1001	*	14			-27.0	4.5		
EUROPE - DENMARK (GREENLAND) SCORESBYSUND 04339 7029N 02158W OB 3																										
030	22610	4	-49.2					030	22610	4	-49.2		5	76	229	33	030	23495	4	-44.8		5	73	237	30	
050	19331	3	-58.4					050	19331	3	-58.4		5	82	232	23	050	20132	2	-47.6		3	80	240	32	
100	15055	2	-64.0					100	15055	2	-64.0		3	80	227	17	100	15621	2	-54.1		2	90	243	31	
150	12570	1	-63.7					150	12570	1	-63.7		1	79	223	13	150	13032	0	-55.1		1	89	242	29	
200	10802	1	-63.3					200	10802	1	-63.3		1	49	194	8	200	11198	0	-55.6		0	83	245	27	
300	8369	0	-11.6		0	51	221	8	300	8312	1	-11.4		1	42	145	5	300	8613	0	-53.3		0	75	244	25
500	5043	0	-37.9	10.6	0	14	111	2	500	5007	1	-40.3		1	78	260	16	500	5178	0	-31.7	10.2	0	73	245	19
700	2646	0	-22.7	9.7	0	36	52	4	700	2657	1	-23.0	9.6	1	46	95	5	700	2715	0	-14.7	9.2	0	64	245	13
850	1205	0	-17.9	6.9	0	64	13	6	850	1181	1	-14.9	8.4	1	54	61	5	850	1217	0	-5.0	3.7	1	57	250	10
988	* 66		-16.2	3.0				985	*	52		-11.5	3.6					983	*	55			3.3	3.1		
EUROPE - DENMARK & FAROE IS. KOBENHAVN/JAEGERSBORG 06181 5546N 01232E OB 3																										
030	23772	2	-48.0					030	23772	2	-48.0		1	60	237	10	030	23902	9	-49.7		9	53	224	8	
050	20478	0	-52.5					050	20478	0	-52.5		0	85	252	13	050	20523	8	-52.1		8	79	248	12	
100	16025	0	-55.1					100	16025	0	-55.1		0	94	261	16	100	16066	1	-54.5		2	93	259	16	
150	13434	0	-54.4					150	13434	0	-54.4		0	89	265	18	150	13467	1	-53.6		2	89	262	17	
200	11508	0	-56.1		0	84	266	21	200	11598	0	-57.0		0	83	265	20	200	11621	1	-55.8		2	78	260	18
300	8921	0	-50.6		0	79	268	23	300	9021	0	-50.9		0	74	264	20	300	9033	1	-50.5		2	68	262	19
500	5424	0	-27.0	11.8	0	83	268	20	500	5508	0	-25.0	11.0	0	78	260	16	500	5517	1	-24.6	4.9	2	73	261	15
700	2915	0	-10.2	12.6	0	83	265	15	700	2979	0	-8.5	13.2	0	83	258	13	700	2986	1	-8.5	5.1	2	80	257	13
850	1393	0	-1.3	8.5	0	82	264	13	850	1448	0	0.2	8.8	0	84	256	12	850	1456	1	-0.3	3.6	2	79	249	9
1006	* 40		4.7	2.5				1016	*	4		4.4	1.9					1006	*	104			5.5	2.0		
EUROPE - SWITZERLAND LIECHTENSTEIN PAYERNE 06610 4649N 00657E OB 3																										
030	23858	13	-54.6	11.1	0	43	127	5	030	23858	13	-54.6	11.1	0	43	127	5	030	23847	0	-55.0		0	47	102	7
050	20591	4	-56.0	11.1	0	35	246	3	050	20591	4	-56.0	11.1	0	35	246	3	050	20601	0	-57.5		0	8	332	1
100	16223	1	-57.8	11.1	0	84	289	10	100	16223	1	-57.8	11.1	0	84	289	10	100	16255	0	-58.2		0	80	292	10
150	13653	1	-54.9	11.1	0	83	297	14	150	13653	1	-54.9	11.1	0	83	297	14	150	13685	0	-54.4		0	79	293	13
200	11696	0	-56.3	6.1	0	58	270	12	200	11819	1	-56.3	11.1	0	77	310	17	200	11834	0	-53.3		0	68	307	13
300	9113	0	-50.2	6.0	0	43	267	10	300	9213	1	-4														

EUROPE—SPAIN

UPPER AIR

FEBRUARY 1989

EUROPE-POLAND

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm	°C	°C	°C	%	%	°	mb	gpm	°C	°C	°C	%	%	mb	gpm	°C	°C	°C	%	%	°	mps	
EUROPE - POLAND POZNAN																								
12330	5225N	01650E	OB 3	12374	5224N	02058E	OB 3	12425	5108N	01659E	OB 1													
030				030	23945	3	-49.8			3	33	266	3	030										
050				050	20562	0	-50.1			0	63	264	5	050										
100	16106	-51.7		84	260	14		100	16056	0	-52.8		0	78	268	7	100							
150	13483	-52.7		81	270	16		150	13442	0	-53.0		0	79	277	8	150	13484	6	-54.9				
200	11642	-55.4		79	275	18		200	11598	0	-53.9		0	76	284	8	200	11662	0	-57.1				
300	9048	-49.9		71	280	18		300	9002	0	-51.4		0	71	291	9	300	9071	0	-49.1				
500	5526	-24.9	9.1	81	275	16		500	5506	0	-26.1	10.3	0	73	289	8	500	5539	0	-23.7	9.2	1	77	
700	2992	-8.1	10.1	81	270	12		700	2983	0	-9.0	10.8	0	80	281	6	700	2997	0	-7.9	10.0	0	80	
850	1458	0.2	8.1	78	270	10		850	1473	0	-1.1	6.9	0	74	272	5	850	1462	0	0.5	6.3	0	70	
1007	* 92	4.5	2.7					1006	* 96	4.6	3.9					1004	* 116	3.5	2.8				4	
EUROPE - HUNGARY BUDAPEST/LORINC																								
12843	4726N	01911E	OB 1	12982	4615N	02006E	OB 3	13130	4549N	01602E	OB 3													
030	23954	22	-50.4		9	30	84	4	030	23885	25	-51.4		9	35	104	3	030						
050	20632	15	-51.7		9	17	296	2	050	20578	8	-52.7		8	8	245	1	050						
100	16145	4	-54.7		4	69	277	9	100	16141	3	-55.0		3	66	279	5	100	16154	0	-56.0		1	66
150	13547	1	-53.7		1	71	284	11	150	13550	1	-53.8		1	67	288	5	150	13558	0	-54.2		0	67
200	11700	0	-54.9		0	64	291	12	200	11700	1	-53.9		1	61	294	6	200	11719	0	-55.7		0	54
300	9103	0	-49.5	6.0	0	50	303	10	300	9100	1	-50.3	7.1	1	47	305	5	300	9124	0	-49.7		0	36
500	5573	0	-23.8	8.2	0	53	298	8	500	5581	1	-24.5	8.6	1	44	305	4	500	5598	0	-23.7		0	34
700	3030	0	-7.1	8.6	0	56	292	6	700	3042	1	-7.1	9.0	1	52	292	3	700	3053	0	-6.8	24.5	0	36
850	1493	0	-0.4	4.7	0	53	281	5	850	1505	1	0.0	5.9	1	47	285	2	850	1511	0	1.4	8.3	0	45
1006	* 139	3.6	2.6					1014	* 83	5.2	5.0					1008	* 128	4.3	3.3				2	
EUROPE - ROMANIA CLUJ-NAPOCA																								
15120	4647N	02334E	OB 1	15420	4430N	02608E	OB 1	15480	4413N	02838E	OB 1													
030				030				030																
050				050				050																
100	16108	0	-55.3	4.8	0	70	310	8	100	16113	0	-54.7	8.0	0	55	310	5	100	16100	2	-55.1	6.7	2	60
150	13519	0	-53.8	3.7	0	70	315	7	150	13566	0	-53.9	7.4	0	55	305	6	150	13504	1	-54.0	6.0	1	70
200	11675	0	-55.2	2.6	0	60	310	7	200	11721	0	-54.9	7.3	0	55	305	6	200	11661	0	-55.3	5.5	0	70
300	9076	0	-49.3	6.6	0	60	320	6	300	9157	0	-49.1	7.5	0	45	295	4	300	9071	0	-50.4	5.2	0	40
500	5554	0	-24.5	8.9	0	60	305	5	500	5592	0	-24.4	8.5	0	50	315	4	500	5551	0	-25.3	7.0	0	40
700	3024	0	-8.1	8.7	0	60	320	4	700	3051	0	-7.0	10.5	0	50	305	3	700	3027	0	-8.7	7.3	0	60
850	1494	0	-1.5	4.0	0	70	285	3	850	1521	0	-0.6	7.5	0	50	285	2	850	1504	0	-1.9	6.3	0	50
974	* 413	1.0	1.8					1014	* 91	1.1	2.7					1023	* 14	3.4	3.4				2	
EUROPE - ITALY MILANO/LINATE																								
16080	4526N	00917E	OB 1	16245	4139N	01226E	OB 1	16320	4039N	01757E	OB 1													
030	23856	1	-52.5	29.9	1	23	144	4	030	23863	3	-53.9	28.7	3	44	91	7	030	23863	1	-54.0	30.4	1	47
050	20567	1	-54.1	28.8	1	35	252	4	050	20599	1	-55.9	27.7	1	10	79	1	050	20594	1	-55.6	29.2	1	59
100	16148	1	-56.3	27.9	1	77	275	9	100	16210	1	-57.1	26.7	1	63	282	7	100	16205	1	-56.8	27.8	1	63
150	13560	1	-54.1	26.2	1	66	273	11	150	13626	1	-53.6	26.5	1	61	286	9	150	13617	1	-53.5	26.3	1	61
200	11720	1	-56.2	18.6	1	50	279	10	200	11778	1	-54.2	20.5	1	42	293	8	200	11762	1	-53.4	20.6	1	45
300	9132	1	-49.7	13.0	1	30	282	7	300	9169	1	-48.6	13.0	1	21	309	5	300	9150	1	-48.5	14.9	1	26
500	5602	1	-23.6	11.7	1	32	278	5	500	5627	1	-23.1	12.0	1	23	310	4	500	5611	1	-23.4	13.0	1	21
700	3055	1	-6.2	10.8	1	33	276	3	700	3075	1	-5.5	13.1	1	25	302	2	700	3062	1	-6.0	15.1	1	21
850	1508	1	3.2	11.3	1	29	281	2	850	1526	1	3.0	10.2	1	31	273	2	850	1518	1	2.7	10.3	1	23
1009	* 103	6.1	5.0					1019	* 12	10.1	5.7					1022	* 10	11.1	5.4				2	
EUROPE - ITALY TRAPANI/BIRGI																								
16429	3755N	01230E	OB 1	16560	3915N	00903E	OB 2	17030	4117N	03620E	OB 2													
030	23843	1	-55.0	30.2	1	64	83	10	030	23820	8	-55.2	29.9	9	63	101	11	030	23902	8	-51.3		9	88
050	20597	1	-57.1	29.6	1	42	69	4	050	20582	7	-57.7	29.6	7	29	82	3	050	20619	6	-53.9		9	91
100	16236	1	-58.0	28.9	1	70	284	8	100	16226	7	-58.3	28.7	7	60	289	6	100	16178	3	-54.7		3	95
150	13658	1	-53.8	29.0	1	78	284	12	150	13653	2	-54.7	28.4	2	69	287	10	150	13564	1	-51.3		1	96
200	11806	1	-52.7	23.8	1	67	287	12	200	11807	2	-54.1	23.3	2	49	288	9	200	11694	1	-51.3		1	95
300	9179	1	-48.0	14.2	1	28	293	7	300	9188	1	-48.0	14.0	1	21	303	6	300	9071	0	-50.1		0	83
500	5629	1	-22.7	14.2	1	35	292	6	500	5638	1	-22.8	13.8	1	28	301	5	500	5594	0	-25.4	11.8	0	82
700	3074	1	-5.1	15.9	1	37	290	4	700	3083	1	-5.2	16.2	1	31	299	4	700	3037	0	-9.1	11.1	0	80
850	1525	1	3.3	10.9	1	38	270	3	850	1535	1	3.1	11.4	2	33	305	3	850	1514	0	-1.9	7.7	0	83
1022	* 14	11.0	5.9					1024	* 18	13.5	5.7					1024	* 4	0.8					6	

EUROPE-TURKEY

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm		
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 4058N 02905E 0B 2																									
030	24130	11	-48.0	9	89	80	15	030	23873	0	-53.1	0	33	70	5	030	23700	19	-58.1	9	36	300	5		
050	20779	8	-51.4	9	75	80	9	050	20600	0	-55.3	0	22	10	2	050	20502	19	-60.4	9	67	300	6		
100	16297	5	-53.1	6	72	270	8	100	16197	0	-55.9	0	80	285	8	100	16193	19	-58.8	9	92	290	12		
150	13674	4	-51.3	4	87	280	13	150	13596	0	-52.5	0	73	285	11	150	13631	19	-55.6	9	36	280	4		
200	11813	3	-51.7	3	83	260	15	200	11734	0	-52.3	0	69	300	11	200	11805	19	-56.5	9	60	300	6		
300	9179	1	-47.2	1	90	265	19	300	9122	0	-49.7	0	42	315	8	300	9208	19	-48.8	9	25	360	3		
500	5612	0	-22.9	0	86	250	12	500	5599	0	-24.1	8.5	0	47	310	7	500	5667	19	-22.7	10.3	9	12	30	
700	3057	0	-6.4	17.6	2	73	240	8	700	3051	0	-8.3	9.4	0	20	310	2	700	3105	19	4.2	16.0	9	33	50
850	1522	0	3.5	7.5	0	75	170	6	850	1535	0	-0.9	6.0	0	25	265	1	850	1558	19	2.1	11.6	9	80	50
1020	* 40		10.0	2.1				919	* 894		4.6	9.5					1025	* 25		11.6	11.1				
EUROPE - TURKEY ISPARTA 17240 3745N 03033E 0B 2																									
030	23892	18	-53.1	9	75	53	9	030	23894	2	-52.6	2	36	40	5	030	23776	10	-54.4	9	66	40	13		
050	20633	13	-55.9	9	64	20	7	050	20614	1	-54.8	1	33	30	4	050	20531	8	-57.1	8	71	330	9		
100	16240	6	-56.6	6	75	278	12	100	16203	0	-55.0	0	88	275	14	100	16164	6	-57.9	6	89	260	14		
150	13656	3	-53.0	3	82	276	14	150	13596	0	-51.6	0	89	270	17	150	13588	6	-53.1	6	90	270	17		
200	11793	2	-52.6	2	72	303	13	200	11717	0	-49.7	0	90	280	18	200	11725	6	-51.7	6	90	270	18		
300	9170	2	-48.2	2	80	285	16	300	9073	0	-48.2	0	86	285	18	300	9101	3	-48.5	3	84	280	17		
500	5678	2	-22.8	10.3	2	73	258	11	500	5553	0	-25.6	7.6	0	58	300	7	500	5575	3	-24.7	11.7	3	71	280
700	3075	2	-5.5	12.7	2	50	270	5	700	3028	0	-9.1	8.3	0	57	340	4	700	3037	3	-8.2	13.3	3	58	330
850	1533	2	2.2	8.5	2	80	60	4	850	1502	0	0.3	8.4	0	50	360	2	850	1504	3	1.5	11.6	3	51	30
907	* 997		6.7	11.4				944	* 677		8.2	10.5					1016	* 20		15.7	14.5				
EUROPE - USSR MURMANSK 221113 6858N 03303E 0B 1																									
030	23280	0	-49.2	1	96	274	21	030	23642	6	-42.6	6	94	297	18	030	23997	15	-39.0	9	68	267	7		
050	19940	0	-52.2	1	94	272	20	050	20151	3	-47.5	5	95	293	18	050	20500	12	-44.3	9	84	268	10		
100	15500	0	-57.3	0	91	275	15	100	15608	2	-52.8	2	92	294	16	100	15872	4	-49.9	4	86	272	12		
150	12948	0	-58.7	0	86	275	13	150	13013	1	-54.2	1	86	296	13	150	13225	3	-51.3	3	82	279	12		
200	11146	0	-59.6	0	82	275	11	200	11178	0	-56.2	0	84	300	12	200	11360	3	-52.7	3	81	281	12		
300	8588	0	-53.5	0	72	276	9	300	8600	0	-54.5	0	71	303	10	300	8761	2	-51.7	2	75	286	12		
500	5151	0	-31.9	6.2	0	67	274	6	500	5189	0	-33.5	7.7	0	67	301	7	500	5317	1	-30.2	6.8	1	72	285
700	2700	0	-16.7	5.5	0	72	269	5	700	2749	0	-17.4	6.1	0	61	284	5	700	2843	1	-13.4	8.9	1	73	276
850	1219	0	-8.5	4.3	0	61	254	4	850	1271	0	-9.4	4.4	0	60	270	5	850	1341	1	-5.1	5.7	1	78	270
979	* 46		-6.9	3.1				1000	* 13		-6.4	2.1					997	* 4		0.3	2.9				
EUROPE - USSR KAUNAS 26629 5453N 02353E 0B 1																									
030	23920	7	-48.1	13.2	7	66	280	6	030	23841	0	-48.0	13.2	0	41	282	4	030	23719	0	-45.8	0	84	287	11
050	20574	3	-48.6	12.5	3	78	271	6	050	20485	0	-50.9	12.3	0	64	281	6	050	20335	0	-49.3	0	90	284	12
100	16012	0	-52.1	10.4	0	78	276	9	100	15996	0	-52.4	10.7	0	77	284	8	100	15797	0	-52.1	0	79	281	12
150	13383	0	-52.9	8.9	0	75	280	9	150	13376	0	-52.5	9.7	0	72	291	8	150	13175	0	-52.2	0	75	285	11
200	11537	0	-55.0	7.9	0	74	285	9	200	11521	0	-53.9	8.4	0	72	297	9	200	11322	0	-54.2	0	77	289	11
300	8949	0	-49.9	7.6	0	66	294	10	300	8925	0	-50.8	7.9	0	67	304	10	300	8727	0	-52.0	0	64	292	10
500	5440	0	-26.2	9.7	0	71	291	8	500	5434	0	-27.5	9.8	0	67	300	8	500	5284	0	-31.4	7.7	0	60	286
700	2931	0	-10.3	9.9	0	72	278	6	700	2933	0	-11.2	10.8	0	72	290	6	700	2826	0	-16.2	7.1	0	60	272
850	1408	0	-2.4	5.8	0	71	271	6	850	1420	0	-3.4	6.9	0	67	280	5	850	1340	0	-7.9	4.9	0	56	260
1004	* 75		3.0	3.1				987	* 234		1.9	3.4					992	* 118		-3.2	2.7				
EUROPE - USSR KAZAN 27595 5547N 04911E 0B 1																									
030	23682	2	-49.7	11.3	9	72	298	5	030	23906	8	-45.2	13.0	8	78	307	7	030	23862	1	-50.0	12.6	1	11	328
050	20353	1	-50.7	10.2	9	62	300	5	050	20497	4	-48.8	11.1	4	93	300	8	050	20530	0	-52.2	11.4	0	46	296
100	15829	0	-51.8	8.2	5	73	311	8	100	15927	1	-51.9	9.8	1	86	294	10	100	16059	0	-53.3	10.1	0	68	294
150	13200	0	-51.6	7.2	2	75	307	8	150	13291	0	-51.6	8.4	0	80	298	10	150	13445	0	-52.1	9.4	0	70	299
200	11341	0	-52.9	6.1	2	74	306	8	200	11428	0	-53.0	7.2	0	75	304	10	200	11584	0	-53.2	8.3	0	64	307
300	8745	0	-52.0	5.2	1	67	300	7	300	8824	0	-51.2	6.3</												

EUROPE-USSR

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
EUROPE - USSR L'VOV 33393 4949N 02357E OB 1																										
EUROPE - USSR ODESSA 33837 4629N 03038E OB 1																										
030	23797	2	-53.2	10.3	7	37	300	3	030	23894	3	-51.8		4	41	46	4	030	23871	3	-48.9	14.2	2	61	322	5
050	20512	2	-53.9	9.6	7	58	296	4	050	20594	1	-53.0		1	38	343	3	050	20506	1	-51.0	12.8	2	81	303	6
100	16068	2	-54.5	8.7	8	65	281	6	100	16135	0	-53.6		0	72	309	5	100	16001	1	-51.6	10.9	1	88	300	8
150	13471	2	-54.3	8.1	7	62	276	7	150	13523	0	-51.9		0	67	312	6	150	13363	1	-50.1	9.7	1	84	301	9
200	11632	2	-55.8	7.6	7	64	284	6	200	11668	0	-53.6		0	63	317	7	200	11488	1	-51.8	8.2	1	74	306	8
300	9029	2	-50.7	7.4	7	51	298	5	300	9059	0	-49.6		0	60	319	8	300	8868	1	-50.5	6.8	1	63	311	7
500	5533	2	-25.8	10.0	5	63	313	5	500	5540	0	-24.9	10.9	0	56	315	6	500	5402	1	-30.5	7.4	1	63	296	6
700	3010	2	-9.0	10.2	4	70	305	4	700	3016	0	-9.3	12.2	0	56	304	4	700	2934	1	-15.0	8.0	1	53	285	4
850	1483	2	-1.5	6.2	4	65	278	4	850	1492	0	-2.0	9.1	0	56	297	3	850	1444	1	-7.1	6.9	1	47	278	3
981	* 325		3.4	4.0				1018	*	64		5.4	5.7					999	*	156		-3.5	3.3			
EUROPE - USSR HAR'KOV 34300 4956N 03617E OB 1																										
EUROPE - USSR ROSTOV-NA-DONU 34731 4715N 03949E OB 1																										
030	24069	4	-49.8		4	29	342	2	030	23896	4	-49.5	13.5	4	48	37	4	030	23810	3	-53.1		3	45	57	4
050	20661	3	-51.5		3	64	310	5	050	20548	3	-51.3	12.7	3	44	348	3	050	20537	2	-55.2		2	35	336	2
100	16171	1	-51.6		1	78	302	7	100	16062	1	-52.7	11.5	1	76	305	5	100	16119	0	-54.9		0	88	278	6
150	13534	1	-50.5		1	68	306	7	150	13440	1	-50.9	10.9	1	83	296	7	150	13507	0	-51.8		0	91	277	7
200	11668	0	-52.9		0	58	317	7	200	11561	1	-50.5	9.9	1	78	298	7	200	11638	0	-51.4		0	81	278	8
300	9029	0	-46.5		0	54	320	7	300	8935	1	-51.1	8.6	1	62	301	7	300	9028	0	-51.4		0	67	285	7
500	5483	0	-25.4	8.6	0	54	307	5	500	5471	1	-29.4	9.3	1	62	295	6	500	5540	0	-27.2	8.4	0	71	277	5
700	2967	0	-10.3	10.4	0	54	293	4	700	2983	1	-12.4	10.2	1	57	280	4	700	3033	0	-11.3	8.5	0	76	277	4
850	1454	0	-4.3	4.8	0	54	279	4	850	1476	1	-4.5	8.7	1	62	269	4	850	1523	0	-3.0	7.9	0	80	295	3
1002	* 152		1.2	2.7				1013	*	77		1.6	3.1					968	*	490		3.4	7.9			
EUROPE - ISRAEL BET DAGAN 40179 3200N 03449E OB 2																										
EUROPE - JORDAN MAFRAO 40265 3222N 03615E OB 1																										
030	23715	19	-56.9		9	52	187	9	030	22709	6	-49.2	9.4	8	83	303	16									
050	20515	17	-60.1		9	79	249	15	050	19289	1	-57.7	5.9	1	82	295	8									
100	16320	0	-61.2		0	96	264	26	100	16225	4	-61.6		4	95	263	28	100	14977	0	-65.6	3.4	0	76	288	4
150	13761	0	-54.8		0	95	265	31	150	13684	2	-55.4		2	96	262	34	150	12510	0	-65.5	3.2	0	63	286	3
200	11894	0	-49.8		0	94	264	29	200	11832	1	-51.1		1	91	263	32	200	10756	0	-64.7	3.1	0	48	284	3
300	9220	0	-44.5		0	88	271	21	300	9174	1	-45.0		0	81	263	22	300	8266	0	-11.3	3.1	0	22	276	2
500	5637	0	-21.1	13.2	0	70	276	9	500	5604	0	-22.6	18.4	0	63	270	8	500	4949	0	-40.4	3.8	0	22	290	1
700	3069	0	-4.4	1.4	0	47	270	3	700	3052	0	-5.8	16.5	0	41	267	4	700	2582	0	-25.6	3.2	0	0	284	0
850	1516	0	4.3	9.9	0	31	220	2	850	1506	0	3.1	11.6	0	70	272	5	850	1156	0	-20.5	1.9	0	11	66	1
1016	* 30		16.6	10.9				941	*	687		3.7	5.0					992	*	20		-27.8	2.0			
ASIA - USSR GMO IM.E.K. FEDOROVA 20292 7743N 10417E OB 1																										
ASIA - USSR OSTROV DIKSON 20674 7330N 08014E OB 1																										
030	22474	5	-51.6		5	38	63	5	030	22872	8	-44.6		8	86	330	21	030	22328	1	-55.5	6.9	2	39	334	7
050	19216	5	-61.3		5	37	87	3	050	19391	4	-55.7		4	88	323	15	050	19135	0	-66.3	4.7	0	41	303	5
100	14982	2	-67.2		3	33	178	2	100	15052	1	-64.4		1	80	310	8	100	14984	0	-68.9	4.0	0	68	280	4
150	12522	0	-65.8		0	47	206	2	150	12576	0	-64.0		0	78	304	6	150	12552	0	-67.1	3.9	0	66	270	4
200	10773	0	-64.6		0	55	217	3	200	10804	0	-63.0		0	66	295	5	200	10814	0	-66.2	3.7	0	66	268	4
300	8285	0	-10.6		0	44	222	3	300	8303	0	-10.0		0	60	289	6	300	8343	0	-11.4	3.8	0	56	255	4
500	4982	0	-41.7	3.8	0	44	229	3	500	4987	0	-40.8		0	55	274	5	500	5038	0	-41.2	4.3	0	72	250	5
700	2622	0	-26.7	2.6	0	61	228	3	700	2619	0	-25.7	4.4	0	59	265	4	700	2676	0	-26.0	4.3	0	72	244	4
850	1198	0	20.4	2.5	0	55	235	3	850	1190	0	-19.5	2.5	0	54	244	3	850	1250	0	-19.5	3.7	0	72	248	3
998	* 13		-26.1	2.6				992	*	20		-24.5	2.0		</td											

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LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
ASIA - USSR NAR JAN MAR 23205 6739N 05301E OB 1																													
030	23204	1	-48.5	12.6	2	94	301	23	030									030	22801	9	-50.2			9	84	319	22		
050	19823	0	-52.8	10.2	1	93	299	21	050									050	19506	5	-58.4			5	82	313	16		
100	15375	0	-57.5	6.9	0	88	295	15	100									100	15219	0	-64.4			1	81	298	10		
150	12820	0	-58.6	5.9	0	88	295	12	150									150	12743	0	-64.2			0	78	288	9		
200	11018	0	-60.1	5.3	0	78	295	10	200	11030								200	10979	0	-64.3			0	70	282	8		
300	8486	0	-57.6	4.9	0	67	295	8	300	8505	0	-58.5						300	8497	0	-58.6			0	66	278	7		
500	5115	0	-36.7	6.2	0	61	287	6	500	5143	0	-37.0	5.8	0	61	288	6	500	5138	0	-37.0	4.1	0	67	272	6			
700	2705	0	-20.6	6.2	0	67	274	5	700	2738	0	-21.4	5.3	0	67	272	5	700	2742	0	-22.0	4.5	0	72	259	5			
850	1246	0	-12.8	4.4	0	61	264	4	850	1277	0	-14.4	4.3	0	70	270	4	850	1296	0	-16.3	2.8	0	71	242	4			
999	*	7	-13.3	2.8					1003	*	35	-19.7	2.6					1004	*	32	-17.0	1.9							
ASIA - USSR SYKTYVKAR 23804 6140N 05051E OB 1																													
030	23543	0	-48.1		0	95	301	16	030	23447	4	-46.8		5	87	315	19	030	22405	3	-54.8			5	55	243	10		
050	20183	0	-50.8		0	95	299	15	050	20044	2	-50.4		3	90	308	18	050	19211	3	-64.3			3	67	245	9		
100	15677	0	-53.2		0	89	299	14	100	15532	0	-54.7		0	89	301	14	100	15030	0	-68.0			0	72	259	6		
150	13070	0	-54.0		0	84	300	12	150	12949	0	-56.3		0	85	297	11	150	12592	0	-67.0			0	71	263	5		
200	11237	0	-55.7		0	78	302	10	200	11132	0	-58.6		0	79	293	9	200	10850	0	-66.0			0	68	259	5		
300	8657	0	-53.1		0	67	300	8	300	8585	0	-56.4		0	61	284	7	300	8374	0	-12.1			0	53	253	4		
500	5237	0	-33.5	6.3	0	50	294	5	500	5198	0	-35.4	6.3	0	60	279	6	500	5071	0	-40.8	5.1	0	52	262	3			
700	2800	0	-18.1	6.0	0	61	280	5	700	2778	0	-19.6	5.6	0	64	277	5	700	2704	0	-25.1	5.0	0	60	265	3			
850	1322	0	-10.8	4.0	0	60	266	4	850	1315	0	-13.1	3.9	0	63	264	4	850	1273	0	-18.6	3.7	1	57	262	2			
992	*	96	-8.5	2.3					1004	*	40	-15.1	2.4					982	*	127	-28.7	2.0							
ASIA - USSR VERHOJANSK 24266 6733N 13323E OB 1																													
030	22857	6	-46.8	8.0	9	79	211	20	030	22684	3	-53.2		3	74	296	19	030	22405	3	-54.8			5	55	243	10		
050	19515	1	-55.3	4.7	3	81	217	18	050	19441	1	-61.4		2	73	290	15	050	19211	3	-64.3			3	67	245	9		
100	15176	0	-62.5	2.9	0	80	216	9	100	15191	0	-65.8		0	81	281	11	100	15030	0	-68.0			0	72	259	6		
150	12673	0	-62.8	2.6	0	56	209	4	150	12727	0	-65.1		0	81	280	9	150	12592	0	-67.0			0	71	263	5		
200	10904	0	-63.2	2.4	0	36	232	3	200	10971	0	-64.3		0	84	278	9	200	10850	0	-66.0			0	68	259	5		
300	8404	0	-10.5	2.3	0	22	3	2	300	8485	0	-10.2		0	78	276	8	300	8396	0	-55.5			0	70	141	5		
500	5081	0	-40.2	2.6	0	49	350	3	500	5156	0	-39.4	3.5	0	82	273	7	500	5111	0	-40.3	3.2	0	60	103	3			
700	2717	0	-26.0	2.8	0	27	347	1	700	2771	0	-23.7	3.1	0	82	272	5	700	2745	0	-26.2	4.2	0	72	350	4			
850	1293	0	-21.2	2.3	0	16	315	1	850	1334	0	-18.5	2.1	0	77	269	4	850	1326	0	-21.2	3.2	0	78	350	4			
998	*	137	-39.1	2.2					990	*	186	-22.0	2.7					1003	*	103	-30.1	3.3							
ASIA - USSR MYS SMIDIA 25173 6855N 17929W OB 1																													
030	23660	1	-49.1		1	88	246	22	030	23811	6	-45.7		6	88	244	19	030	23559	3	-44.2			3	88	217	22		
050	20323	1	-49.8		1	93	237	20	050	20431	6	-46.6		6	92	232	16	050	20111	2	-44.7			2	92	212	20		
100	15805	1	-50.7		1	91	222	18	100	15855	6	-47.4		6	93	215	16	100	15510	1	-49.3			1	91	206	14		
150	13168	0	-50.9		0	93	214	16	150	13186	4	-47.4		5	93	206	15	150	12856	0	-52.2			0	91	197	9		
200	11306	0	-52.0		0	93	208	15	200	11292	4	-48.1		4	92	199	15	200	10996	0	-52.9			0	84	186	6		
300	8686	0	-50.1		0	88	202	15	300	8646	3	-49.9		3	88	192	15	300	8396	0	-55.5			0	70	141	5		
500	5236	0	-32.3	3.4	0	82	199	9	500	5209	3	-33.6	6.5	3	87	187	11	500	5045	0	-40.3	3.2	0	60	103	3			
700	2794	0	-18.2	4.3	0	81	196	6	700	2778	3	-18.4	5.7	3	78	183	7	700	2677	0	-26.3	3.0	0	61	63	3			
850	1322	0	-11.3	4.3	0	58	189	4	850	1307	3	-11.0	3.5	3	73	169	5	850	1263	0	-24.4	3.1	1	81	111	4			
999	*	7	-13.9	2.2					1006	*	62	-9.0	2.0					983	*	207	-31.2	2.5							
ASIA - USSR KORF 25954 6021N 16600E OB 1																													
030	23801	1	-44.3	12.9	7	89	229	14	030	23641	1	-47.4		1	87	315	12	030	23475	2	-49.8	11.9	2	79	305	14			
050	20417	0	-43.9	12.0	2	92	213	14	050	20262	1	-49.7		1	94	308	12	050	20136	2	-52.0	10.8	2	85	298	13			
100	15759																												

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADNESS %	DIRECTION °	SPEED mps
mb	gpm	°C	°C	°C	%	o	mps	mb	gpm	°C	°C	°C	°C	%	o	mps	mb	gpm	°C	°C	°C	°C	%	o	mps	
ASIA - USSR KUSTANAJ								ASIA - USSR KOLPASEV								ASIA - USSR KRASNOJARSK										
28952	5313N 06337E	OB 1	29231	5818N 08254E	OB 1	29574	5600N 09253E	OB 1																		
030	23774	9	-46.9		9	88	329	10	030	23284	4	-50.1		4	86	307	19	030	23214	14	-49.8		9	78	289	19
050	20387	6	-49.3		6	93	313	10	050	19933	2	-53.4		3	88	301	18	050	19915	7	-54.7		9	84	283	19
100	15845	4	-50.8		4	92	300	10	100	15504	0	-57.1		0	89	289	14	100	15525	2	-58.5		4	88	276	15
150	13176	1	-51.9		2	91	292	9	150	12952	0	-59.3		0	85	282	11	150	12982	1	-59.6		1	88	277	12
200	11309	1	-53.5		1	72	284	8	200	11155	0	-60.9		0	75	276	9	200	11184	0	-61.0		0	81	277	10
300	8722	0	-53.1		0	48	286	5	300	8632	0	-57.1		0	63	272	7	300	8664	0	-57.9		0	72	279	8
500	5304	0	-33.2	6.4	0	44	287	4	500	5252	0	-35.3	5.9	0	64	262	6	500	5293	0	-36.8	4.3	0	75	269	7
700	2864	0	-18.1	6.9	0	66	272	4	700	2838	0	-20.8	5.2	0	77	258	5	700	2887	0	-21.5	4.4	0	86	264	6
850	1398	0	-11.7	5.0	0	71	263	4	850	1383	0	-14.4	3.2	0	82	250	6	850	1437	0	-14.7	4.1	0	91	258	6
996	* 171		-13.0	2.2					1008	* 76		-13.2	3.2					998	* 194		-13.8	5.1				
ASIA - USSR KIRENSK								ASIA - USSR CITA								ASIA - USSR ALDAN										
30230	5746N 10807E	OB 1	30758	5201N 11320E	OB 1	31004	5837N 12522E	OB 1																		
030	23027	10	-49.8		9	82	280	20	030	23353	2	-50.2		5	86	272	15	030	23327	11	-47.0		9	94	240	20
050	19759	5	-55.1		7	89	281	19	050	20000	0	-53.2		0	90	276	18	050	19894	6	-50.7		9	93	251	17
100	15422	2	-60.8		2	90	280	14	100	15570	0	-57.1		0	94	282	16	100	15426	4	-58.3		4	88	269	11
150	12897	2	-61.8		2	87	281	11	150	13015	0	-57.7		0	93	286	13	150	12867	2	-59.4		3	88	284	9
200	11117	0	-63.2		0	91	285	10	200	11209	0	-59.8		0	93	291	11	200	11072	2	-60.4		2	86	300	8
300	8614	0	-59.7		0	80	290	9	300	8692	0	-58.0		0	71	304	8	300	8540	0	-59.2		0	78	311	9
500	5264	0	-37.8	5.7	0	83	283	8	500	5321	0	-35.9	7.5	0	72	309	5	500	5185	0	-39.3	4.4	0	78	312	7
700	2869	0	-22.2	4.6	0	88	277	6	700	2908	0	-20.8	8.2	0	84	316	4	700	2809	0	-25.5	3.7	0	82	309	6
850	1424	0	-15.4	4.2	0	88	260	6	850	1452	0	-13.8	7.2	0	78	312	3	850	1382	0	-19.2	2.9	0	93	288	5
990	* 258		-16.7	3.5					942	* 685		-20.5	3.7					933	* 682		-17.0	3.9				
ASIA - USSR OHTSK								ASIA - USSR BLAGOVESCHENSK								ASIA - USSR HABAROVSK										
31088	5922N 14312E	OB 1	31510	5016N 12730E	OB 1	31735	4831N 13510E	OB 1																		
030	23437	0	-43.2		0	96	210	22	030								030	23628	0	-48.6	12.2	0	91	231	11	
050	20035	0	-45.1		0	91	217	18	050								050	20261	0	-49.4	11.7	0	90	246	12	
100	15461	0	-50.5		0	91	228	10	100								100	15739	0	-50.8	10.5	0	93	265	15	
150	12834	0	-52.6		0	88	237	6	150	13104	0	-53.3					150	13099	0	-50.8	9.5	0	95	271	15	
200	10980	0	-53.2		0	66	253	4	200	11258	0	-55.5		0	91	283	12	200	11229	0	-51.6	8.6	0	89	276	12
300	8388	0	-55.4		0	50	325	3	300	8695	0	-55.2		0	77	296	9	300	8632	0	-55.1	7.3	0	84	292	12
500	5050	0	-40.7	4.3	0	61	356	3	500	5290	0	-34.5	8.6	0	78	304	7	500	5239	0	-35.5	8.4	0	84	303	9
700	2689	0	-26.4	4.3	0	84	7	3	700	2872	0	-21.1	8.1	0	84	315	5	700	2831	1	-21.4	10.0	0	84	306	6
850	1261	0	-19.6	5.6	0	72	11	2	850	1418	0	-14.1	8.0	0	71	317	4	850	1378	0	-15.0	8.9	0	88	293	5
1000	* 6		-19.2	6.6					1004	* 137		-13.5	5.7					1009	* 72		-13.4	5.2				
ASIA - USSR VLADIVOSTOK								ASIA - USSR JUZNO-SAHALINSK								ASIA - USSR PETROPAVLOVSK-KAMCHATKIJ										
31960	4307N 13154E	OB 1	32150	4655N 14244E	OB 1	32540	5258N 15845E	OB 1																		
030									030	23742	2	-48.4		2	86	215	8	030	23915	0	-43.7		0	90	197	10
050									050	20389	1	-48.6		1	96	239	9	050	20484	0	-43.8		0	100	209	10
100	15959	0	-53.2		0	95	268	16	100	15829	0	-48.6		0	93	264	14	100	15828	0	-43.3		0	91	220	11
150	13335	0	-50.9		0	95	269	19	150	13162	0	-48.5		0	93	270	15	150	13101	0	-43.7		0	93	226	10
200	11458	0	-49.8		0	95	270	19	200	11269	0	-48.4		0	95	274	15	200	11173	0	-44.8		0	93	229	9
300	8829	0	-51.5		0	84	273	15	300	8627	0	-52.1		0	88	283	14	300	8488	0	-49.3		0	72	234	7
500	5370	0	-30.9	10.1	0	84	286	9	500	5218	0	-35.4	8.9	0	79	292	9	500	5078	0	-37.4	6.4	0	61	250	5
700	2915	0	-16.2	13.6	0	84	299	5	700	2806	0	-21.8	8.6	0	81	293	6	700	2685	0	-23.6	5.8	0	60	280	3
850	1438	0	-11.2	9.2	0	79	329	5	850	1359	0	-15.4	5.2	0	75	298	5	850	1240	0	-15.3	5.3	0	78	310	4
1011	* 138		-6.6	6.3					1012	* 31		-10.4	2.7					988	* 7		-9.7	6.8				
ASIA - USSR ORENBURG								ASIA - USSR KARAGANDA								ASIA - USSR GUR'EV										
35121	5145N 05506E	OB 1	35394	4948N 07308E	OB 1	35700	4701N 05151E	OB 1																		
030	23786	0	-49.1		1	63	318	7	030	20473	16	-48.4		9	89	312	9	030	23867	10	-49.4	12.5	9	55	30	4
050	20392	0	-51.6		0	83	300	9	100	15935	10	-50.6		9	92	290	10	100	20532	3	-51.4	11.8	3	68	325	4
100	15904	0	-52.4		0	88	296	9	150	13281	7	-51.2		7	90	279	9	150	13381	0	-50.7	9.7	0	90	294	8
150	13266	0	-51.0		0	88	294	9	200	11395	4	-52.3		5	85	274	9	200	11511	0	-51.4	8.8	0	86	297	9
300	8774	0	-53.1		0	61	297	7	300	8799	2	-53.4		2	60	259	7	300	8883	0	-51.1	7.4	0	66	300	8
500	5346	0	-33.1	6.1	0	61	293	5	500	5364	2	-32.2	7.7	2	65	252										

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FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION			
mb	gpm		°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps
ASIA - USSR ALMA-ATA 36870 4314N 07656E OB 1																												
ASIA - USSR TASKEKT 38457 4116N 06916E OB 1																												
030	23717	6	-51.9	9.6	7	44	308	4	030	23804	0	-52.2	10.6	0	37	324	3	030	23779	2	-53.7	10.9	4	6	358	1		
050	20430	6	-53.9	8.9	6	74	291	6	050	20522	0	-54.6	9.9	0	75	297	6	050	20526	1	-57.1	10.2	1	63	296	4		
100	15986	2	-54.6	7.5	2	92	273	10	100	16101	0	-54.6	9.0	0	97	284	10	100	16163	0	-56.6	9.8	0	95	272	10		
150	13378	1	-52.9	6.5	1	95	270	12	150	13485	0	-51.8	8.1	0	91	281	12	150	13566	0	-52.8	9.7	0	93	269	14		
200	11523	1	-53.5	5.3	1	98	266	12	200	11617	0	-51.2	7.2	0	91	280	12	200	11695	0	-50.8	9.0	0	95	270	15		
300	8936	0	-54.0	4.1	0	89	259	8	300	8995	0	-51.3	5.8	0	81	270	6	300	9059	0	-49.1	8.3	0	78	271	12		
500	5487	0	-29.7	4.5	0	89	256	8	500	5508	0	-27.5	6.3	0	88	257	8	500	5543	0	-25.8	9.5	0	78	275	6		
700	3007	0	-13.7	6.8	0	67	251	2	700	3017	0	-12.8	7.0	0	86	256	5	700	3026	0	-10.1	9.5	0	84	286	4		
850	1510	0	-6.5	6.4	0	22	328	1	850	1513	0	-4.3	7.0	1	40	227	1	850	1506	0	-2.3	8.4	0	46	300	1		
946	* 847		-7.1	3.3				966	* 428		-0.6	5.4					987	* 228		4.2	9.0							
ASIA - SAUDI ARABIA TABUK 40375 2822N 03638E OB 3																												
ASIA - SAUDI ARABIA HAIL 40394 2726N 04141E OB 3																												
030	23746	3	-55.8	31.6	2	28	97	3	030	23719	3	-56.2	27.1	4	34	90	4	030	23706	12	-56.1							
050	20538	2	-62.6	29.0	2	58	104	1	050	20520	3	-63.4	25.9	2	55	46	0	050	20503	7	-64.2	28.2	7	14	10	1		
100	16338	1	-66.3	26.9	1	96	267	26	100	16361	3	-68.6	23.6	4	97	263	27	100	16386	6	-71.4	24.6	7	97	264	29		
150	13845	1	-59.0	28.4	2	96	263	46	150	13891	2	-61.0	25.0	4	97	263	49	150	13951	5	-62.6	25.2	6	99	263	51		
200	12017	1	-51.3	28.5	3	97	264	55	200	12076	2	-52.3	24.2	3	96	264	60	200	12137	3	-52.8	24.3	5	98	263	57		
300	9325	0	-40.7	21.7	0	93	261	44	300	9382	2	-39.9	18.0	2	95	261	49	300	9428	3	-37.9	19.2	3	98	260	52		
500	5684	0	-18.5	28.6	0	89	262	19	500	5715	2	-16.1	26.0	2	92	258	25	500	5733	2	-13.8	20.6	3	98	261	32		
700	3092	0	-2.0	26.1	0	72	257	7	700	3107	2	-1.4	19.1	4	93	255	11	700	3102	2	1.1	16.4	3	94	264	14		
850	1526	0	6.9	16.3	0	18	213	1	850	1535	1	7.5	15.4	4	54	227	3	850	1517	2	9.1	21.9	2	71	284	5		
930	* 776		11.3	17.0				905	* 1013		10.2	11.8					1016	* 17		15.6	10.1							
ASIA - SAUDI ARABIA MADINAH 40430 2433N 03942E OB 3																												
ASIA - SAUDI ARABIA KING KHALED INTL AIRPORT 40437 2456N 04643E OB 3																												
030	23710	10	-55.8					030									030	23695	4	-56.5	31.5	7	74	89	5			
050	20509	7	-64.1	25.4				050									050	20509	3	-66.1	25.0	5	14	113	1			
100	16406	2	-72.7	20.7	3	95	262	27	100								100	16460	3	-76.5	18.8	5	94	259	23			
150	13978	3	-63.7	21.5	5	98	262	48	150								150	14064	3	-65.0	21.1	6	98	259	38			
200	12173	2	-53.2	20.0	5	97	261	59	200	12206	6	-51.5	22.1	8	98	261	54	200	12265	3	-54.2	18.6	7	97	260	45		
300	9451	1	-36.9	19.5	2	95	261	49	300	9483	2	-36.2	19.8	5	97	259	50	300	9547	3	-34.5	21.5	4	95	264	41		
500	5753	0	12.3	24.0	2	96	259	29	500	5768	3	-12.7	19.7	2	96	258	29	500	5800	0	-10.3	22.3	0	95	255	26		
700	3108	0	2.2	22.7	0	85	240	10	700	3122	2	2.1	14.9	2	93	255	14	700	3122	0	6.5	0	0	90	239	10		
850	1520	0	10.9	16.1	1	36	149	2	850	1534	2	8.7	16.9	2	54	262	3	850	1512	0	12.7	11.3	0	56	177	4		
943	* 636		18.2	18.8				949	* 612		14.0	19.6					1012	* 18		22.2	11.2							
ASIA - SAUDI ARABIA KHAMIS MUSHAIT 41114 1818N 04248E OB 3																												
ASIA - KUWAIT KUWAIT INTL AIRPORT 40582 2913N 04759E OB 3																												
030	23742	7	-56.9					030	23742	7	-56.9		7	18	225	2	030	23695	4	-56.5	31.5	7	74	89	5			
050	20550	5	-62.7					050	20550	8	-62.7		8	25	335	2	050	20503	3	-66.1	25.0	5	14	113	1			
100	16336	3	-65.5					100	16336	4	-65.5		4	99	268	30	100	16438	8	-72.3	24.4	9	98	260	27			
150	13843	0	-59.8					150	13843	0	-59.8		2	99	263	50	150	14006	6	-62.5	25.1	7	99	262	47			
200	12010	0	-52.1					200	12010	0	-52.1		0	99	267	60	200	12194	5	-52.7	23.9	6	95	262	53			
300	9321	0	-41.1	59.6	0	97	261	51	300	9321	0	-41.1	59.6	0	97	261	51	300	9481	3	-36.8	20.4	3	96	261	47		
500	5680	0	-18.0	41.0	0	89	255	15	500	5680	0	-18.0	41.0	0	99	261	27	500	5769	2	-12.4	19.7	2	97	262	30		
700	3151	0	9.0	16.9	0	92	229	11	700	3089	0	-2.7	22.9	0	96	271	12	700	3120									

ASIA - PAKISTAN

UPPER AIR

FEBRUARY 1989

ASIA-INDIA

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 1742N 08318E OB 3								ASIA - INDIA GOA/PANJIM 43192 1529N 07349E OB 3								ASIA - INDIA MADRAS/MINAMBAKKAM 43279 1300N 08011E OB 3										
030								030								030										
050								050	20737	7	-60.3					050	20774	10	-59.9							
100								100	16675	4	-77.6					100	16658	3	-78.5							
150	14139	8	-68.0		9	63	230	9	150	14232	2	-66.3				150	14270	2	-65.9							
200	12348	0	-54.3		1	87	257	15	200	12484	1	-52.1				200	12462	0	-52.1							
300	9624	0	-33.1		0	97	277	14	300	9709	1	-30.4				300	9711	0	-30.7							
500	5828	0	-7.1		0	88	291	10	500	5888	1	-4.5				500	5877	0	-4.3							
700	3123	0	8.5	19.7	0	83	322	7	700	3164	1	11.3				700	3150	0	10.6							
850	1493	0	17.5	17.2	0	57	333	3	850	1520	1	22.0	25.5			850	1510	0	18.3	19.1						
1005	*	66	24.8	3.9				1004	*	60	24.9	6.1				1010	*	16	24.3	5.4						
ASIA - INDIA PANAMBUR 43285 1257N 07450E OB 3								ASIA - INDIA PORT BLAIR 43333 1140N 09243E OB 3								ASIA - INDIA COCHIN/WILLINGDON 43353 0957N 07616E OB 3										
030	24068	15	-52.3					030	24110	13	-49.1					030	24015	13	-51.4							
050	20711	5	-61.6		6	42	258	2	050	20860	9	-59.1				050	20774	10	-59.9							
100	16650	4	-78.4		5	51	98	4	100	16718	4	-75.6				100	16688	0	-76.6							
150	14281	4	-64.1		4	52	180	5	150	14326	1	-64.8				150	14288	0	-65.3							
200	12482	2	-52.6		2	48	192	3	200	12517	1	-50.3				200	12477	0	-51.3							
300	9724	1	-30.1		1	46	12	3	300	9740	1	-27.5				300	9708	0	-29.7							
500	5891	1	-4.7		1	73	70	5	500	5879	0	-3.6				500	5865	0	-4.3							
700	3162	1	11.4	22.6	1	91	74	7	700	3146	0	10.8				700	3143	0	11.0							
850	1515	1	21.1	20.6	1	76	67	4	850	1508	0	17.7	10.2			850	1503	0	18.9	14.3						
1007	*	31	26.4	5.1				1002	*	79	24.6	3.9				1010	*	3	27.1	5.7						
ASIA - INDIA MINICOY 43369 0818N 07309E OB 3								ASIA - INDIA TRIVANDRUM 43371 0829N 07657E OB 3								ASIA - HONG KONG KING'S PARK 45004 2219N 11410E OB 1										
030								030	23992	3	-50.0					030	23728	3	-56.8	30.5	0	67	87	4		
050								050	20769	2	-62.9					050	20552	2	-66.2	27.3	0	28	191	1		
100	16747	16	-76.0					100	16671	0	-78.0					100	16541	1	-80.0	17.9	0	94	252	16		
150	14365	8	-64.1		3	65	153	8	150	14307	0	-66.3				150	14177	1	-66.3	20.2	0	95	247	28		
200	12513	1	-50.9		2	43	99	4	200	12504	0	-51.7				200	12377	0	-52.1	24.8	0	97	251	30		
300	9743	0	-29.2		1	67	111	8	300	9739	0	-29.8				300	9626	0	-30.9	30.0	0	97	256	31		
500	5889	0	-3.5		1	84	105	9	500	5890	0	-3.5				500	5813	0	-6.3	37.7	0	96	262	24		
700	3161	0	11.4		0	84	105	9	700	3157	0	12.2				700	3130	0	4.5	15.3	0	87	265	8		
850	1512	0	19.0	13.5	0	77	81	6	850	1507	0	19.1	14.7			850	1530	0	10.0	6.3	0	46	210	3		
1010	*	2	26.6	4.7				1003	*	64	26.1	6.0				1012	*	66	14.7	3.9						
ASIA - DPR KOREA PYONGYANG 47058 3902N 12547E OB 1								ASIA - REPUBLIC OF KOREA POHANG 47138 3602N 12923E OB 3								ASIA - JAPAN WAKKANAI 47401 4525N 14141E OB 2										
030								030	23738	-54.4	10.9	9	55	169	41	030	23678	5	-49.6	30.5	0	67	87	4		
050								050	20478	-58.0	10.0	9	71	224	5	050	20340	4	-51.1	5	96	236	15			
100								100	16168	5	-62.1	9.8	8	97	246	21	100	15841	0	-50.5	0	98	263	27		
150								150	13631	3	-56.3	10.1	4	99	248	34	150	13196	0	-49.7	0	98	268	31		
200								200	11781	0	-49.8	10.9	1	99	252	42	200	11309	0	-48.9	0	97	271	32		
300								300	9098	0	-45.2	9.5	1	96	261	38	300	8674	0	-52.5	0	90	278	30		
500	5464	0	-27.6	8.4	4	88	275	10	500	5529	0	-23.1	10.0	1	92	270	25	500	5259	0	-34.4	13.5	0	84	287	19
700	2972	0	-14.0	14.7	2	77	295	4	700	2997	0	-9.6	10.8	2	75	278	9	700	2838	0	-20.5	12.9	0	85	289	12
850	1474	0	-7.0	9.0	1	59	315	2	850	1483	0	-4.7	7.3	2	36	338	3	850	1382	0	-13.0	6.4	0	75	285	8
1020	*	38	-1.4	5.4				1022	*	6	4.5	7.9				1014	*	11	-2.3	6.6						
ASIA - JAPAN SAPPORO 47412 4303N 14120E OB 2								ASIA - JAPAN NEMURO 47420 4320N 14535E OB 2								ASIA - JAPAN AKITA 47582 3943N 14006E OB 2										
030	23687	5	-51.6		5	76	201	9	030	23752	3	-50.5				030	23731	8	-52.5							
050	20378	4	-53.1		4	96	240	15	050	20424	0	-51.2				050	20436	1	-55.5							
100	15923	0	-52.8		0	98	267	29	100	15941	0	-51.6				100	16045	0	-56.2							
150	13294	0	-50.2		0	98	269	38	150	13296	0	-48.9				150	13452	0	-53.1							
200	11407	0	-48.7		0	97	272	39	200	11401	0	-47.4				200	11581	0	-49.4							
300	8767	0	-51.3		0	92	275	36	300	8744	0	-49.8				300	8923	0	-47.6							
500	5319	0	-31.9	13.4	0	89	284	22	500	5293	0	-32.4	12.2	1	90	282	21	500	5417	0	-28.1	12.0	0	91	277	25
700	2872	0	-17.9	15.2	0	89	292	14	700	2856	0	-19.2	12.3	0	86	282	12	700	2933	0	-14.8	12.0	0	87	277	14
850	1402	0	-11.1	7.2	0	78	294	9	850	1390	0	-11.4	7.5	0	74	298	8	850	1444	0	-7.6	7.1	0	76	274	7
1015	*	19	-1.6	5.9				1013	*	26	-2.9	4.9				1019	*	10	1.7	4.9						

ASIA-JAPAN

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	% STEADINESS	DIRECTION	SPEED
mb	gpm	days	°C	°C	days	%	°	mps	mb	gpm	days	°C	°C	days	%	°	mps	mb	gpm	days	°C	°C	days	%	°	mps
ASIA - JAPAN SENDAI 47590 3816N 14054E 0B 2																										
030	23727	2	-53.9		2	56	181	5	030	23716	4	-54.6		8	48	192	5	030	23724	1	-54.4		1	58	145	5
050	20460	0	-56.5		0	93	243	9	050	20468	1	-57.4		6	93	247	10	050	20472	1	-57.3		1	86	239	7
100	16110	0	-58.0		0	99	268	31	100	16143	0	-59.6		4	99	268	34	100	16180	0	-61.8		0	99	268	32
150	13529	0	-53.4		0	99	271	52	150	13583	1	-64.2		4	99	268	49	150	13644	0	-56.0		0	99	268	57
200	11659	0	-49.2		0	99	269	57	200	11717	0	-49.3		3	99	266	55	200	11790	0	-49.2		0	99	270	65
300	8993	0	-46.2		0	96	271	46	300	9042	0	-45.5		0	98	272	48	300	9099	0	-43.8		0	98	270	50
500	5457	0	-26.1	10.8	0	92	272	26	500	5486	0	-25.0	10.8	0	91	273	25	500	5520	0	-23.1	11.7	0	95	270	28
700	2951	0	-12.2	12.2	0	84	277	15	700	2974	0	-11.8	10.1	0	87	272	13	700	2986	0	-9.3	10.4	0	84	270	13
850	1448	0	-5.5	6.6	0	69	276	8	850	1467	0	-4.7	7.2	0	64	276	6	850	1464	0	-2.0	6.9	0	57	264	5
1014	* 43	3.2	5.6						1019	*	6	3.8	4.6					1015	*	31	4.9	4.7				
ASIA - JAPAN HACHIJOGIMA/OMURE 47678 3307N 13947E 0B 2																										
030	23728	1	-56.0		4	65	121	6	030	23710	4	-55.7		6	45	207	4	030	23731	4	-55.7		5	51	128	5
050	20506	1	-60.5		1	71	237	5	050	20470	2	-59.4		4	97	253	10	050	20504	3	-60.6		4	57	232	5
100	16299	0	-67.7		0	99	266	40	100	16205	0	-64.1		0	99	266	36	100	16287	0	-67.1		0	99	264	39
150	13824	0	-60.1		0	99	268	64	150	13684	0	-57.3		0	99	266	54	150	13806	0	-59.9		0	99	266	65
200	11989	0	-50.0		0	99	269	76	200	11834	0	-49.2		0	99	266	58	200	11968	0	-49.8		0	99	266	75
300	9260	0	-37.4	16.1	0	98	268	63	300	9140	0	-43.2		0	98	270	47	300	9245	0	-38.6	15.4	0	98	267	60
500	5608	0	-18.1	15.0	0	97	268	34	500	5551	0	-21.6	12.2	0	91	271	26	500	5604	0	-18.6	12.7	0	96	271	30
700	3032	1	-5.5	12.0	0	89	268	15	700	3006	0	-9.4	11.7	0	83	279	12	700	3029	0	-5.6	13.2	0	87	268	14
850	1487	0	2.0	4.5	0	67	251	8	850	1485	0	-2.5	4.9	0	45	275	4	850	1486	0	1.5	8.6	0	58	264	7
1000	* 153	11.2	4.8						1021	*	8	6.1	3.4					1011	*	75	9.8	6.2				
ASIA - JAPAN FUKUOKA 47807 3335N 13023E 0B 2																										
030	23720	5	-55.8		6	45	136	4	030	23727	2	-56.1		5	39	166	3	030	23721	0	-56.9		1	44	160	3
050	20489	1	-60.4		2	84	254	7	050	20516	2	-61.6		2	91	250	8	050	20533	0	-63.9		0	55	245	3
100	16264	0	-66.5		0	99	264	36	100	16344	0	-70.1		0	99	262	36	100	16440	0	-75.2		0	99	260	31
150	13781	0	-59.6		0	99	264	59	150	13892	0	-61.2		0	99	265	56	150	14033	0	-64.2		0	99	265	46
200	11942	0	-49.7		0	99	264	69	200	12064	0	-50.2		0	99	263	66	200	12222	0	-51.5		0	99	262	54
300	9227	0	-40.0		0	98	264	56	300	9328	0	-36.3	16.1	0	98	263	58	300	9476	0	-31.7	18.2	0	99	261	53
500	5601	0	-19.3	12.2	0	93	267	30	500	5653	0	-16.6	16.2	0	95	267	28	500	5724	0	-13.1	18.5	0	97	266	26
700	3028	0	-5.7	12.3	0	86	271	13	700	3053	0	-3.3	13.8	0	89	273	14	700	3092	0	0.6	16.4	0	86	274	11
850	1492	0	-0.1	7.1	0	58	270	5	850	1501	0	2.7	7.5	0	61	277	6	850	1521	0	5.5	3.2	0	47	297	5
1019	* 14	8.7	5.5						986	*	283	8.6	4.3					985	*	295	13.4	3.5				
ASIA - JAPAN ISHIGAKIJIMA 47918 2420N 12410E 0B 2																										
030	23733	1	-57.3		1	61	110	3	030	23717	1	-57.1		3	56	118	3	030	23723	1	-57.4		4	80	107	5
050	20550	0	-64.5		0	57	138	3	050	20536	0	-64.4		0	43	204	2	050	20542	0	-65.1		1	40	155	2
100	16524	0	-79.4		0	96	256	20	100	16483	0	-77.4		0	98	258	25	100	16501	0	-78.2		1	98	258	24
150	14152	0	-65.9		0	98	259	34	150	14101	0	-65.8		0	99	263	39	150	14124	0	-65.5		1	99	265	36
200	12353	0	-52.4		0	96	256	36	200	12301	0	-52.5		0	98	260	43	200	12322	0	-52.4		1	98	261	41
300	9607	0	-30.8	17.7	0	98	259	37	300	9558	0	-31.2	18.0	0	99	261	43	300	9578	0	-31.4	17.2	1	99	261	41
500	5800	0	-7.2	25.6	0	97	259	26	500	5773	0	-10.0	22.0	0	97	263	28	500	5782	0	-8.1	22.1	1	97	265	29
700	3127	0	3.6	14.9	0	85	266	7	700	3118	0	2.6	16.1	0	88	273	11	700	3115	0	3.5	18.9	0	85	272	10
850	1533	1	9.2	3.5	0	14	36	1	850	1532	0	7.6	5.0	1	43	320	4	850	1527	0	7.9	5.3	1	31	339	3
1019	* 7	18.7	4.6						1017	*	27	17.4	5.7					1018	*	15	17.5	4.8				
ASIA - JAPAN CHICHIJIMA 47971 2705N 14211E 0B 2																										
030	23721	3	-58.5		5	85	109	6	030	23735	2	-57.9		2	95	94	7	030	23723	1	-57.4		4	80	107	5
050	20557	1	-66.5		2	47	234	2	050	20563	2	-65.3		2	74	103	4	050	20542	0	-65.1		1	40	155	2
100	16511	0	-76.9		0	99	265	30	100	16537	0	-78.5		0	95	274	18	100	16501	0	-78.2		1	98	258	24
150	14121	0	-64.6		0	99	271	43	150	14169	0	-66.2		0	99	279	27	150	14124	0	-65.5		1	99	265	36
200	12311	0	-51.4		0	99	269	47	200	12369	0	-52.3		0	98	281	30	200	12322	0	-52.4		1	98	261	41
300	9561	0	-31.3	17.2	0	99	268	47	300	9624	0	-31.5	17.0	0	98	281	31	300	9647	5	-31.8	12.2	6	91	260	19
500	5771	0	-9.0	21.7	0	96	266	31	500	5823	0	-7.2	18.7	0	93	273	21	500	5835	2	-5.8	15.6	3	94	285	18
700	3109	0	3.0	19.0	0	86	273	11	700	3132	0	6.4	22.3	0	70	274	9	700	3129	2	8.1	13.6	3	64	275	6
850	1524	0	7.7	4.8	0	27	268	3	850	1527	0	10.1	5.5	0	7	45	1	850	1498	2	17.8	9.4	3	29	235	2
1018	* 8	18.2	6.2						1017	*	9	20.8	5.6					976	*	314	1					

ASIA-THAILAND

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED			
mb	gpm						°	mps	mb	gpm						°	mps	mb	gpm						°	mps			
ASIA - THAILAND UBON RATCHATHANI 48407 1515N 10452E OB 1																													
030									030	23651	3	-59.1				5	95	80	9	030	23657	8	-60.1			8	77	105	8
050									050	20498	2	-67.9				3	16	345	1	050	20526	5	-67.4			5	40	280	3
100									100	16518	1	-81.5				1	71	135	6	100	16506	2	-81.5			2	75	115	10
150	14219	1	-69.4		1	62	200	7	150	14184	0	-68.8				0	78	170	8	150	14174	1	-69.4			1	92	125	12
200	12432	1	-53.8		1	73	215	7	200	12403	0	-54.2				0	70	185	5	200	12397	1	-54.8			1	85	135	8
300	9690	1	-31.6	13.6	0	62	240	5	300	9671	0	-32.1				0	31	175	2	300	9662	0	-31.8	13.9	0	80	100	6	
500	5876	0	-5.0	20.0	0	14	280	1	500	5865	0	-5.3				0	74	355	4	500	5847	0	-6.0	11.4	0	84	85	7	
700	3156	0	9.6	17.1	0	66	345	4	700	3149	0	9.6	10.6			0	73	15	4	700	3134	0	9.4	13.0	0	65	75	4	
850	1527	0	17.8	7.0	0	14	170	1	850	1519	0	17.2	5.2			0	68	105	2	850	1502	0	16.7	7.2	0	96	80	6	
1000	* 127		18.8	3.6					1012	* 20		24.3	1.3							1011	* 5		23.6	2.0					
ASIA - CHINA HAILAR 50527 4913N 11945E OB 1																													
030	23455	3	-50.6	7.6	3	89	266	13	030	23666	3	-52.1	8.0	4	71	290	6	030	23659	3	-56.4			4	63	283	3		
050	20132	1	-53.0	7.0	1	97	274	16	050	20382	2	-54.5	7.5	2	95	278	9	050	20444	0	-60.4			1	92	273	6		
100	15687	1	-55.0	5.8	1	97	279	16	100	15957	0	-55.3	7.2	0	96	274	12	100	16151	0	-60.1	7.1	0	97	266	16			
150	13099	0	-65.4	5.6	1	97	283	14	150	13362	0	-53.9	6.7	0	100	273	12	150	13593	0	-55.2	7.2	0	97	262	20			
200	11272	0	-57.3	5.1	0	92	290	11	200	11517	0	-55.9	6.2	0	100	273	12	200	11742	0	-52.5	6.9	0	97	265	20			
300	8726	0	-56.6	5.2	0	79	299	8	300	8947	0	-53.6	4.7	0	95	266	11	300	9130	0	-49.6	5.7	0	94	270	15			
500	5330	0	-34.7	6.4	0	79	309	6	500	5488	0	-29.2	6.2	0	85	282	6	500	5574	0	-21.8	6.8	0	92	273	6			
700	2906	0	-20.1	5.7	0	90	315	5	700	3001	0	-13.9	6.3	0	0	118	0	700	3027	0	-10.1	5.5	0	25	198	1			
850	1447	0	-14.2	3.4	0	83	300	3	850	1511	0	-10.6	3.7	0	20	72	1	850	* 1518		-5.2	4.3							
950	* 611		-24.1	1.9					918	* 919		-14.0	2.9																
ASIA - CHINA BEIJING 54511 3956N 11617E OB 1																													
030	23657	1	-54.6	11.1	3	84	263	5	030	23691	8	-57.4				9	29	210	1	030	23705	15	-57.8			9	43	50	2
050	20403	0	-57.1	10.5	1	97	265	8	050	20495	5	-61.6				7	60	275	2	050	20523	9	-64.9			9	46	335	3
100	16039	0	-57.0	9.8	0	98	268	16	100	16322	3	-67.0				5	93	270	14	100	16483	8	-76.8			8	93	258	14
150	13451	0	-53.7	9.8	0	98	265	20	150	13845	2	-58.8				4	97	268	25	150	14079	5	-64.0			6	95	254	22
200	11594	0	-52.5	10.1	0	98	265	19	200	12003	2	-50.2	13.5	4	98	271	27	200	12259	5	-51.4	14.0	5	98	254	24			
300	8987	0	-51.0	8.5	0	91	270	15	300	9301	1	-40.7	13.7	2	92	277	23	300	9519	0	-32.7	16.1	0	96	262	24			
500	5487	0	-27.3	11.2	0	83	282	8	500	5661	0	-14.7	22.1	0	92	257	6	500	5745	0	-10.4	15.7	0	97	271	17			
700	2998	0	-14.4	11.0	0	67	308	3	700	3650		-2.8	15.8					700	3096	0	2.1	6.0	0	0	256	8			
850	1504	0	-7.0	9.8	0	57	312	3	850	1530	0	8.2	2.7	0	55	152	4	850	* 1892		6.9	4.5							
1021	* 55		-2.1	9.0					1019	* 9		15.2	2.4					1020	* 8		12.4	3.3							
ASIA - CHINA SHANGHAI 58367 3110N 12126E OB 1																													
030	23722	6	-58.5		9	16	61	1	030	23827	2	-54.9				2	67	84	5	030	23716	7	-58.2			9	93	295	3
050	20551	2	-64.3		4	80	261	4	050	20608	1	-62.3				2	24	135	1	050	20562	1	-68.3			2	50	270	2
100	16400	1	-68.7		3	97	260	18	100	16520	0	-77.3				0	96	257	22	100	16563	1	-77.6			1	96	252	11
150	13924	1	-59.4	10.2	2	98	260	29	150	14135	0	-65.5				0	98	257	38	150	14173	0	-64.4			0	97	248	17
200	12075	0	-48.8	10.0	0	99	259	34	200	12330	0	-51.9				0	98	256	41	200	12360	0	-51.5	15.0	0	97	252	18	
300	9333	0	-37.4	9.6	0	98	259	28	300	9580	0	-30.9	9.2	0	98	256	42	300	9607	0	-31.2	18.3	0	97	255	19			
500	5662	0	-16.5	8.7	0	93	264	13	500	5780	0	-8.7	10.6	0	97	261	28	500	5797	0	-7.4	19.7	0	93	260	13			
700	3061	0	-3.1	10.6	0	87	264	7	700	3119	0	2.2	6.0	0	91	155	10	700	3123	0	4.0	8.8	0	92	272	6			
850	1511	0	-0.4	6.1	0	63	283	3	850	1530	0	8.2	2.7	0	55	152	4	850	1526	0	8.8	4.7	0	57	205	2			
1025	* 7		4.0	2.4					1019	* 9		15.2	2.4					1020	* 8		12.4	3.3							
AFRICA - MADEIRA FUNCHAL 08522 3238N 01654W OB 3																													
030	23756	2	-58.2		2	76	95	9	030	16254	12	-59.7				9	82	290	7	100	16331	13	-62.8			9	93	280	20
050	20572	2	-62.4		2	45	74	4	050	16368	2	-54.9				9													

AFRICA - NIGER

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	SPEED
mb	gpm	°C	°C	°C	%	%	o	mb	gpm	°C	°C	°C	%	%	mb	gpm	°C	°C	°C	%	%	o	mps
AFRICA - NIGER NIAMEY-AERO 61052 1329N 00210E OB 3																							
030								030							030								
050								050							050								
100	16552	4	-78.7			2	45	250	24		100				100								
150		1	-67.3					150							150								
200	12400	0	-55.1			2	47	260	23	200				200									
300	9680	0	-32.8	16.0	0	41	260	15	300	9642	0	-33.9	14.5			300							
500	5882	0	-6.5	20.1	0	30	270	5	500	5867	0	-8.6	14.7			500							
700	3175	0	9.9	20.1	0	9	280	1	700	3178	0	8.8	20.0	9	38	700	3174	0	9.7	19.3	0	43	110 2
850	1539	0	18.3	26.3	0	41	70	7	850	1546	0	17.5	28.2	3	77	850	1534	0	20.6	29.2	0	82	90 4
989	* 227		23.6	27.7				987	* 264		23.7				987	* 381		26.0		12.7			
AFRICA - MAURITANIA NOUADHIBOU 61415 2056N 01702W OB 2																							
030								030							030								
050								050							050								
100	16211	4	-64.4			9	51	318	3	100				100									
150	14029	4	-62.2			9	40	287	4	150	14130	6	-67.6			150							
200	12225	4	-54.8			9	85	273	22	200	12355	6	-55.8			200							
300	9531	4	-37.7	15.5	9	82	274	20	300	9646	5	-34.0			300								
500	5817		20.4	7	67	254	12	500	5866	4	-8.5	14.0			500								
700	3155	4	5.6	23.3	7	50	248	5	700	3172	2	8.4	25.5			700							
850	1543	4	14.3	22.4	4	45	100	4	850	1535	1	19.7	20.0			850							
1019	* 3		17.7	6.6				1011	* 24		21.3				966	* 436		22.6		4.5			
AFRICA - USA (OCEAN ISLANDS) DIEGO GARCIA 61967 0721S 07229E OB 1																							
030								030							030								
050								050							050								
100	16211	4	-64.4			9	51	318	3	100	16461	1	-66.2			100							
150	13986	1	-61.5					150	13986	1	-61.5			2	93	268	28	150	14190	1	-67.3		
200	12183	0	-54.3					200	12183	0	-54.3			0	93	269	33	200	12402	1	-54.6	16.0	1
300	9488	0	-36.5			11.5	0	300	9488	0	-36.5	11.5	0	89	272	26	300	9670	1	-32.5	25.6	1	
500	5759	0	-11.7			13.9	0	500	5759	0	-11.7	13.9	0	83	272	13	500	5871	1	-6.2	23.4	1	
700	3099	0	4.0			17.8	0	700	3099	0	4.0	17.8	0	63	271	6	700	3159	1	12.9	16.6	1	
850	1505	0	7.3			7.3	0	850	1505	0	7.3	7.3	0	29	306	3	850	1483	4	17.4	4.3	1	
1009	* 2		25.7	2.8				1013	* 29		17.5				773	* 2325		22.9		24.6			
AFRICA - ETHIOPIA ADDIS ABABA 63450 0859N 03848E OB 2																							
030								030							030								
050								050							050								
100	16497	1	-81.1		1	50	95	3	100	16483	15	-82.1			100								
150	14152	1	-67.9		1	14	10	1	150	14142	11	-65.5			150								
200	12388	1	-54.9	15.4	1	43	145	3	200	12374	4	-52.1			200								
300	9652	1	-33.1	20.6	2	50	85	3	300	9647	0	-32.1	12.0		300								
500	5845	0	-6.8	21.3	0	88	115	7	500	5882	0	-5.9	13.9		500								
700	3137	0	11.0	9.9	0	80	35	4	700	3137	0	8.6	5.5		700								
767	* 2324		21.2	16.1				822	* 1798		14.0				822	* 1798		14.0		5.0			
AFRICA - ETHIOPIA ADDIS ABABA 63450 0859N 03848E OB 2																							
030								030							030								
050								050							050								
100	16497	1	-81.1		1	50	95	3	100	16483	15	-82.1			100								
150	14230	2	-68.1					150	14230	2	-68.1			3	60	110	5	150	14258	1	-67.1		
200	12442	1	-53.1					200	12442	1	-53.1			2	67	170	8	200	12462	1	-52.5	10.5	2
300	9692	0	-30.0			9.7	0	300	9692	0	-30.0	9.7	0	59	150	11	300	9704	2	-29.6	9.3	4	
500	5856	0	-4.9			5.9	0	500	5856	0	-4.9	5.9	0	66	170	6	500	5867	1	-4.9	10.9	6	
700	3136	0	9.4			3.8	0	700	3136	0	9.4	3.8	0	49	200	8	700	3145	0	-4.9	3.4	7	
850	1491	0	20.0			5.0	0	850	1491	0	20.0	5.0	0	64	190	7	850	1501					
1011	* 8		29.2			4.7		871	* 1280		22.8				866	* 1344		28.7		2.5			
AFRICA - COTE D'IVOIRE ABIDJAN 65578 0515N 00356W OB 2																							
030								030							030								
050								050							050								
100	16572	4	-81.3					100	16572	4	-81.3			5	70	100	5	100	16610	2	-80.6	4	4
150	14230	2	-68.1					150	14230	2	-68.1			3	60	110	5	150	14258	1	-67.1	4	33
200	12442	1	-53.1					200	12442	1	-53.1			2	67	170	8	200	12462	1	-52.5	10.5	2
300	9692	0	-30.0			9.7	0	300	9692	0	-30.0	9.7	0	59	150	11	300	9704	2	-29.6	9.3	4	
500	5856	0	-4.9			5.9	0	500	5856	0	-4.9	5.9	0	66	170	6	500	5867	1	-4.9	10.9	6	
700	3136	0	9.4			3.8	0	700	3136	0	9.4	3.8	0	49	200	8	700	3145	0	-4.9	3.4	7	
850	1491	0	20.0			5.0	0	850	1491	0	20.0	5.0	0	64	190	7	850	1501					
1011	* 8		29.2			4.7		871	* 1280		22.8				866	* 1344		28.7		2.5			
AFRICA - ZAMBIA LUSAKA CITY AIRPORT 67666 1525S 02819E OB 2																							
030								030							030								
050								050							050								
100	16572	4	-81.3					100	16572	4	-81.3			5	70	100	5	100	16610	2	-80.6	4	4
150	14230	2	-68.1					150	14230	2	-68.1			3	60	110	5	150	14258	1	-67.1	4	33
200	12442	1	-53.1					200	12442	1	-53.1			2	67	170	8	200	12462	1	-52.5	10.5	2
300	9692	0	-30.0			9.7	0	300	9692</td														

AFRICA-SOUTH AFRICA

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
AFRICA - SOUTH AFRICA PIETERSBURG 68174 2352S 02927E OB 1																										
030	23818	7	-56.2		9	99	106	23	030	23809	6	-56.2		9	99	96	20	030	23845	2	-55.6		4	98	95	19
050	20603	2	-65.2		2	99	105	15	050	20625	2	-64.6		2	98	93	12	050	20656	1	-64.4		1	98	99	9
100	16587	1	-77.9		1	35	248	2	100	16558	0	-77.2		1	75	270	6	100	16548	0	-75.0		0	81	284	9
150	14219	1	-66.9		1	90	260	12	150	14185	0	-66.9		2	98	263	17	150	14151	0	-65.4		0	97	280	27
200	12426	1	-53.2		1	86	263	14	200	12392	0	-53.3		0	92	266	19	200	12352	0	-53.0		0	97	284	30
300	9689	1	-31.1	17.1	1	75	276	8	300	9657	0	-31.7	12.4	0	87	274	13	300	9624	0	-33.3	17.8	0	94	288	17
500	5868	1	-5.3	13.0	1	18	287	1	500	5852	0	-6.5	7.7	0	53	285	4	500	5842	0	-7.4	18.1	0	71	279	7
700	3151	1	9.1	6.3	1	60	102	4	700	3149	0	8.4	3.6	0	43	62	2	700	3146	0	8.4	9.7	0	14	180	1
850	1514	1	17.2	4.5	7	93	86	8	850	*1500		16.2	1.8					850	1506	0	19.5	10.5	0	31	67	3
879	*1200		18.8	3.4														918	* 800		21.2	6.9				
AFRICA - SOUTH AFRICA BLOEMFONTEIN (J.B.M. HERTZOG) 68442 2906S 02618E OB 1																										
030	23844	0	-56.1		0	99	99	19	030	23858	7	-55.0		8	99	96	14	030	23888	3	-54.8		3	93	90	16
050	20653	0	-63.9		0	98	106	10	050	20660	4	-63.3		4	96	98	7	050	20682	3	-62.2		3	83	100	8
100	16542	0	-74.8		0	88	284	10	100	16528	2	-73.7		3	90	275	9	100	16476	1	-68.4		1	93	291	23
150	14141	0	-65.3		0	96	276	26	150	14121	2	-65.0		2	94	263	18	150	14012	1	-61.8		1	93	286	31
200	12343	0	-53.4		0	96	280	29	200	12324	2	-54.1		2	94	265	22	200	12203	1	-54.2		1	79	278	28
300	9621	0	-33.8	12.7	0	91	289	18	300	9611	2	-34.1	8.2	2	90	270	14	300	9514	1	-37.3	14.9	1	62	280	19
500	5844	0	-7.8	8.8	0	79	288	6	500	5837	2	-8.1	8.9	0	64	277	4	500	5788	1	-10.3	20.3	1	64	284	11
700	3151	0	7.8	3.3	0	35	21	2	700	3147	2	6.9	5.1	2	34	181	2	700	3117	1	6.1	22.1	1	57	306	6
850	1514	0	17.2	4.0	0	61	71	2	850	1521	2	15.2	2.5	2	37	171	2	850	1501	1	15.1	14.0	1	25	6	3
866	*1400		16.2	2.5					1013	*	8	23.0	2.5					1008	*	42	18.1	3.9				
AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 3359S 02536E OB 1																										
030	23929	5	-54.5		8	92	113	10	030	23964	1	-51.7		1	92	97	6	030	24021	6	-49.4		8	31	322	1
050	20712	2	-61.5		3	72	135	3	050	20691	0	-56.8		0	81	275	4	050	20713	3	-53.7		4	85	285	6
100	16507	0	-69.0		0	89	301	14	100	16378	1	-53.3		0	93	271	21	100	16306	0	-57.7		0	80	274	16
150	14051	0	-62.2		0	90	299	22	150	13871	0	-59.9		0	93	267	30	150	13747	0	-56.4		0	80	277	21
200	12246	0	-54.8		0	84	303	24	200	12067	0	-57.0		0	91	262	36	200	11920	0	-56.0		0	79	274	23
300	9555	0	-36.6	12.2	0	81	306	18	300	9404	0	-39.2	14.2	0	92	268	30	300	9270	0	-41.7	13.3	0	73	280	20
500	5816	0	-9.7	17.5	0	74	308	8	500	5708	0	-12.9	15.5	0	92	273	22	500	5632	0	-16.1	13.8	0	79	281	18
700	3140	0	6.3	13.6	0	52	320	4	700	3068	0	1.7	17.5	0	86	274	16	700	3014	0	-1.4	18.5	0	76	289	11
850	1522	0	14.5	7.1	0	20	107	2	850	1484	0	7.6	8.2	0	76	276	10	850	1451	0	3.9	10.6	1	80	294	6
1008	* 60		19.7	2.0					1009	*	54	13.8	2.9					1012	*	22	6.8	1.5				
N AMERICA - USA BARROW/N. POST W. ROGERS, AK. 70026 7118N 15647W OB 2																										
030	23850	8	-50.2		8	86	269	28	030	23868	8	-51.8		8	92	258	20									
050	20528	6	-51.2		8	92	257	27	050	20547	7	-51.2		8	92	258	20									
100	15823	11	-55.0		2	52.3	2	6	100	16009	2	-52.3		6	94	249	27	100	16030	1	-52.7		2	95	241	22
150	13216	7	-53.7		2	51.8	2	6	150	13385	2	-51.8		6	94	242	27	150	13406	1	-51.4		3	95	230	24
200	11382	6	-55.5		2	50.1	2	5	200	11529	1	-53.0		5	93	235	30	200	11543	0	-52.8		3	93	226	24
300	8779	5	-52.4		2	49.1	2	5	300	8921	1	-50.1		2	91	228	34	300	8932	0	-49.1		4	82	216	24
500	5354	1	-31.3	6.6	7	79	239	19	500	5428	0	-28.0	7.0	1	86	224	23	500	5422	0	-28.0	6.1	0	86	207	21
700	2898	1	-17.0	7.0	7	84	242	13	700	2947	0	-15.1	6.9	0	82	217	15	700	2933	0	-14.1	5.0	0	85	198	15
850	1424	1	-10.8	3.5	5	86	244	10	850	1459	0	-8.6	6.0	0	81	211	11	850	1443	0	-8.4	3.2	0	77	194	12
1018	* 4		-12.2	2.0					1021	*	5	-8.3	2.7					1019	*	7	-5.4	2.1				
N AMERICA - USA BETHEL/BETHEL AIRPORT, AK. 70219 6047N 16148W OB 2																										
030	23947	6	-51.6		7	75	277	13	030	23948	7	-52.1		6	92	291	15	030	23868	8	-51.8		8	92	258	20
050	20639	6	-52.5		6	92	261	14	050	20636	6	-52.8		6	92	257	16	050	20547	7	-51.2		8	92	258	20
100	16160	5	-53.2		5	92	245	17	100	16180	3	-55.1		5	93	279	16	100	16226	7	-54.2		2	95	241	22
150	13539																									

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
N AMERICA - USA YAKUTAT, AK. 70361 5931N 13940W OB 2																										
030	23913	10	-54.7					030	16006	5	-46.6					030	23589	9	-62.3							
050	20647	10	-54.6					050	13304	4	-44.6					050	20457	6	-66.8							
100	16176	4	-56.1		6	92	310	18	100	11373	3	-43.7				100	16331	4	-68.4							
150	13583	3	-53.4		4	87	312	18	150	8662	3	-46.7				150	13861	3	-60.3							
200	11728	2	-54.4		3	79	318	16	200	5213	2	-29.7	7.7			200	12051	3	-57.4							
300	9125	1	-49.4		2	62	329	16	300	2775	2	-18.3	6.9			300	9404	2	-41.1							
500	5597	1	-24.8	9.4	2	59	321	9	500	211	1	-15.4				500	5733	1	-8.9							
700	3070	1	-9.7	11.7	2	44	324	4	700	199	1	1.1				700	3108	1	9.8							
850	1551	1	-3.8	8.1	3	28	358	2	850	204	1	5.9				850	1527	1	6.2							
1029	*	9	-9.2	1.8				996	* 31		0.2	4.3				1009	* 124		5.1	3.3						
N AMERICA - USA BROWNSVILLE/INTL, TX. 72250 2554N 09726W OB 2																										
030	23663	6	-60.9					030	23531	7	-62.4					030	23531	7	-62.4							
050	20510	4	-63.3					050	20404	6	-65.5					050	20404	6	-65.5							
100	16410	5	-71.4		5	86	249	14	100	16289	0	-65.4				100	16206	2	-65.5							
150	13963	5	-61.5		5	92	255	20	150	13791	0	-59.4				150	13701	2	-58.6							
200	12161	5	-57.4		5	91	255	22	200	11977	0	-57.2				200	11892	0	-55.9							
300	9509	5	-40.0		5	74	264	16	300	9352	0	-44.0				300	9255	0	-43.4							
500	5809	5	-11.8		5	74	265	10	500	264	0	-15.7				500	5630	0	-18.6	7.6						
700	3145	5	5.2	14.0	5	53	250	4	700	275	0	0.0	9.9			700	3042	0	-3.8	4.1	1	85	269	19		
850	1534	5	12.1	8.0	6	78	180	8	850	270	0	6.8	6.6	0	69	850	1494	0	-0.3	4.6	0	72	277	9		
1015	*	6	12.1	1.4				1004	* 9		9.1	1.4				1001	* 180		1.2	2.4						
N AMERICA - USA MONETT, MO. 72349 3653N 09354W OB 2																										
030	23575	13	-62.0					030	11935	1	-56.9					030	23445	11	-63.0							
050	20396	5	-65.4					050	9297	1	-43.2					050	20324	5	-64.8							
100	16195	1	-65.1					100	5667	0	-17.2	9.0	1	89	262	26	100	16077	2	-64.1						
150	13688	1	-59.0					150	500	0	-1.8	8.1	0	83	261	15	150	13556	2	-58.2						
200	11873	1	-56.7		6	91	269	43	200	316	0	0.3	8.1	3	40	316	3	200	11734	2	-55.5					
300	9249	1	-44.9		2	87	267	40	300	9096	0	-46.3				300	9106	2	-45.5							
500	5634	1	-18.0	8.0	1	89	266	28	500	5548	0	-24.4	8.9	0	47	272	10	500	5516	0	-22.5	9.3	5	88	273	27
700	3043	1	-4.6	8.8	2	83	280	15	700	3016	0	-9.2	7.3	0	53	252	6	700	2973	0	-9.2	6.7	1	88	270	19
850	1503	1	-2.1	8.2	1	60	302	5	850	1493	0	-2.7	5.4	0	52	193	3	850	1462	0	-7.0	5.5	1	71	281	8
972	*	437	-4.8	2.3				977	* 397		-2.3	4.2				986	* 306		-4.6	2.1						
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 4108N 10041W OB 2																										
030	23689	3	-60.3					030	23345	14	-65.6					030	23345	14	-65.6							
050	20497	2	-60.1					050	20324	7	-63.3					050	20324	7	-63.3							
100	16068	3	-60.9		8	93	279	24	100	16172	1	-59.2				100	15866	5	-58.8							
150	13522	2	-55.8		8	92	273	30	150	13602	1	-54.1				150	13294	2	-54.5							
200	11676	1	-53.6		6	91	272	34	200	11742	1	-51.6				200	11442	3	-52.8							
300	9061	1	-48.5		2	86	269	33	300	8948	0	-51.5				300	8833	1	-51.0							
500	5522	0	-24.1	8.5	2	90	279	23	500	5386	0	-30.5	9.4	0	91	292	20	500	5366	1	-30.4	8.6	2	89	287	24
700	2993	0	-11.0	7.0	2	87	287	12	700	3016	0	-9.2	7.3	0	53	252	6	700	2907	1	-17.9	8.6	2	91	296	15
850	1496	0	-9.8	5.3	1	50	311	5	850	405	0	-13.4	7.0	0	83	305	9	850	1440	1	-14.1	6.2	2	85	300	11
924	*	849	-11.8	2.2				974	* 405		-0.6	2.8				986	* 312		-18.9	3.2						
N AMERICA - USA INT. FALLS/FALLS INTL, MN. 72747 4834N 09323W OB 2																										
030	23371	10	-65.2					030	23463	18	-63.7					030	23463	18	-63.7							
050	20318	4	-63.3					050	20368	12	-59.5					050	20368	12	-59.5							
100	15711	6	-60.1		7	92	288	32	100	15880	1	-58.4				100	16004	4	-57.3							
150	13172	4	-54.8		5	92	287	31	150	13304	1	-54.0				150	13388	1	-53.8							
200	11314	2	-53.5		3	91	284	30	200	11454	0	-53.4				200	11534	1	-53.2							
300	8707	2	-52.8		2	89	285	28	300	8848	0	-51.5				300	8928	1	-51.7							
500	5276	1	-33.5	7.9	1	86	294	20	500	5386	0	-30.5	9.4	0	91	292	20	500	5455	1	-29.2	5.8	1	78	297	15
700	2850	1	-21.3	6.6	2	88	294	14	700	2928	0	-18.0	8.6	0	92	301	13	700	2982	1	-16.9	6.2	1	73	298	7
850	1404	1	-17.7	6.1	2	87	293	11	850	1460	0															

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	DEPRES	MISSING DAYS	%	o	mps	mb	gpm		°C	°C	DEPRES	MISSING DAYS	%	o	mps
N AMERICA - USA SPOKANE/INTL, WA. 72785 4738N 11732W OB 2																											
030	23651	8	-60.9		6	85	335	15	030	23706	5	-60.1		6	77	2	18	030	23508	11	-57.1		6	98	324	33	
050	20439	5	-58.6		3	93	311	16	050	20508	1	-57.6		1	87	349	14	050	20249	6	-58.0		1	97	323	32	
100	16071	3	-56.1		3	87	302	19	100	16129	0	-55.9		0	90	327	14	100	15865	2	-58.2		1	94	321	34	
150	13474	3	-52.6		3	87	302	19	150	13531	0	-52.0		0	85	322	16	150	13300	2	-56.3		1	91	323	29	
200	11609	3	-52.1		3	83	301	21	200	11665	0	-52.0		1	68	320	15	200	11480	2	-57.9		1	89	326	29	
300	8989	1	-49.5		1	64	294	20	300	9026	0	-47.4		0	36	311	10	300	8916	2	-52.5		0	85	324	21	
500	5484	0	-28.0	6.2	1	60	293	10	500	5502	0	-26.6		0	21	321	4	500	5433	1	-29.4		1	89	324	21	
700	2993	0	-13.9	6.5	0	57	274	4	700	2993	0	-11.4		0	22	280	2	700	2962	1	-16.0		1	93	314	16	
850	1496	0	-7.4	6.3	2	27	110	2	850	1482	0	-4.7	4.7	0	44	164	3	850	1481	1	-10.0		1	96	307	14	
938*	721		-7.4	2.2					1016*	62		-0.7	1.5					1016*	60		-13.5		2.8				
N AMERICA - CANADA ALERT, N.W.T. 71082 8230N 06220W OB 2																											
030	23420	4	-62.2		1	90	334	33	030	23179	1	-63.9		0	88	257	37	030	23179	1	-63.9		0	97	263	39	
050	20257	2	-59.7		1	94	330	29	050	20044	1	-63.4		0	98	265	44	050	15758	0	-60.3		0	98	265	44	
100	15874	1	-56.8		0	96	324	25	100	15758	0	-60.3		0				100	13209								
150	12483	1	-67.0		1	79	17	10	150	13286	1	-53.7		0	92	325	23	150	13209								
200	10740	1	-66.3		0	68	21	9	200	11436	0	-54.7		0	86	330	21	200	11367	0	-53.8		0	96	264	49	
300	8274	1	-12.3		0	50	18	5	300	8841	0	-52.2	8.6	0	76	339	19	300	8747	0	-50.0		0	95	264	46	
500	4981	1	-42.7	5.6	0	37	16	5	500	5398	0	-32.1	6.8	0	75	336	13	500	5280	0	-31.2	7.7	0	95	268	27	
700	2637	1	-28.8	3.9	0	43	11	4	700	2950	0	-18.8	7.3	0	86	329	11	700	2839	0	-20.2	5.4	0	92	275	16	
850	1234	1	-26.0	1.6	0	64	332	5	850	1486	0	-13.4	6.7	0	84	322	8	850	1386	0	-15.9	4.9	1	81	278	9	
1000*	63		-29.6	3.2					935*	766		-15.8	3.3					999*	170		-17.5	3.4					
N AMERICA - CANADA STEPHENVILLE, NFLD. 71815 4832N 05833W OB 2																											
030	23281	2	-57.6						030	19874	8	-61.9						030	15437								
050	20115	1	-60.6						050	19469	0	-60.8		0	97	271	38	050	11579	0	-53.6		0	83	340	18	
100	15800	0	-59.5						100	15469	0	-60.8		0	96	271	36	100	11579	0	-49.7	14.7	0	63	349	17	
150	13226	0	-55.1						150	12923	0	-57.1		0	96	272	33	200	8960	0	-49.7	14.0	0	57	359	11	
200	11377	0	-53.2		10.7				200	11094	0	-55.2		0	96	272	33	200	10946	2	-59.5	7.3	2	93	352	26	
300	8761	0	-49.9						300	8510	0	-55.5	7.8	0	93	273	28	300	8402	2	-57.9	7.3	2	90	357	23	
500	5275	0	-29.7	9.8	1	95	258	32	500	5139	0	-38.0	6.4	0	87	275	18	500	5059	2	-40.4	6.4	2	89	354	17	
700	2817	0	-18.5	7.6	0	95	261	20	700	2754	0	-25.3	5.2	0	91	277	13	700	2697	2	-26.6	4.9	2	91	354	13	
850	1357	0	-15.2	4.3	0	86	261	11	850	1329	0	-20.9	4.2	0	90	277	10	850	1507	0	-10.1	9.2	0	34	33	3	
1000*	61		-9.3	2.2					1016*	10		-22.5	3.0					948*	676		-16.8	4.4					
N AMERICA - CANADA FROBISHER BAY, N.W.T. 71909 6345N 06833W OB 2																											
030	14985	3	-66.9						030	10946	2	-59.5						030	8402	2	-57.9	7.3	2	93	352	26	
050	12543	0	-65.5						050	10793	0	-65.3		0	87	358	16	100	300	2	-57.9	7.3	2	90	357	23	
100	100								100	8317	0	-11.5	6.3	0	72	213	13	100	8402	2	-57.9	7.3	2	90	357	23	
150	12436	0	-64.3		0	81	288	10	150	12543	0	-65.5		0	90	357	20	150	10946	2	-59.5		2	93	352	26	
200	10671	0	-63.2		0	74	286	8	200	10793	0	-65.3		0	87	358	16	200	10946	2	-59.5		2	93	352	26	
300	8169	0	-11.4		0	49	268	6	300	8317	0	-11.5	6.3	0	72	213	13	300	8402	2	-57.9	7.3	2	90	357	23	
500	4898	0	-45.8	5.7	0	39	257	4	500	5008	0	-41.3	5.7	0	68	511	5	500	5059	2	-40.4	6.4	2	89	354	17	
700	2589	0	-32.0	4.0	0	19	258	2	700	2653	0	-27.4	4.9	0	71	6	8	700	2697	2	-26.6	4.9	2	91	354	13	
850	1204	0	-28.1	2.5	0	9	293	1	850	1240	0	-23.3	1.8	0	64	354	5	850	1281	2	-22.6	2.1	2	88	353	10	
1002*	21		-31.1						1009*	10		-36.6	4.3					1007*	49		-29.6	3.1					
N AMERICA - CANADA INUVIK, N.W.T. 71957 6819N 13332W OB 2																											
030	23722	15	-57.8						030	20557	12	-64.7						030	16377	7	-68.0						
050	20557	12	-64.7						050	200	16377	7	-68.0		8	49	265	16	100	16377	7	-68.0					
100	16377	7	-68.0						100	16377	7	-68.0		6	87	288	25	150	16377	7	-68.0						
150	13903	7	-60.1						150	13903	7	-60.1		6	87	288	25	150	16377	7	-68.0						
200	12085	3	-55.5																								

N AMER-JAMAICA

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
860	9pm																										
N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 1756N 07647W OB 2								N AMERICA - PANAMA HOWARD AFB 78806 0859N 07933W OB 2								N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 1803N 06307W OB 2											
030	23724	7	-56.3		7	97	80	10	030								030	23733	0	-56.3		9	94	94	11		
050	20549	6	-65.9		6	90	83	7	050								050	20555	0	-66.1		9	95	77	9		
100	16532	5	-77.1		5	29	50	14	100								100	16509	0	-75.8		9	55	54	7		
150	14135	5	-65.4		5	77	277	13	150								150	14180	0	-64.8		9	86	297	11		
200	12336	5	-54.1		5	86	263	18	200								200	12314	0	-54.7		9	92	283	20		
300	9629	5	-35.5	25.1	5	74	271	15	300								300	9606	0	-35.5	15.2	9	76	297	16		
500	5867	5	-7.5	26.2	5	56	50	10	500								500	5856	0	-9.0	13.4	9	28	25	3		
700	3163	5	7.0	18.6	6	88	88	10	700								700	3171	0	5.9	13.3	9	49	110	4		
850	1545	5	14.3	4.6	5	91	92	9	850								850	1558	0	13.5	4.3	9	91	106	10		
1017	*	14	24.5	5.8					*	69							1018	*	9	24.1	3.9						
N AMERICA - TRINIDAD AND TOBAGO PIARCO INTL AIRPORT, TRINIDAD 78970 1037N 06121W OB 3								N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 1212N 06858W OB 3								S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 0442N 07408W OB 1											
030								030	23725	1	-58.2		1	97	84	13	030										
050								050	20569	1	-66.4		1	62	77	4	050										
100								100	16551	1	-78.8		1	43	18	6	100	16467		-83.3		9	42	64	4		
150								150	14182	1	-67.0		1	90	274	16	150	14139		-69.2		9	71	250	11		
200								200	12393	0	-54.3		1	93	251	21	200	12362		-54.5		9	45	223	8		
300								300	9668	0	-33.0	11.9	0	93	254	17	300	9642		-32.9	11.3	9	79	194	9		
500								500	5861	0	-6.4	18.1	0	28	359	2	500	5840		-6.2	9.7	9	63	29	3		
700								700	3156	0	7.9	13.5	0	69	91	5	700	3132		9.0	1.4	9	18	196	1		
850								850	1529	1	16.0	4.5	1	94	91	10	751	*2548		13.3	2.4						
1013	*	15	23.8	2.6				1008	*	62	25.0	3.4															
S AMERICA - COLOMBIA GAVIOTAS 80241 0433N 07055W OB 2								S AMERICA - FRENCH GUIANA CAYENNE/ROCHAMBEAU 81405 0450N 05222W OB								S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 0123S 04829W OB 2											
030								030	23661	1	-60.4		9	44	107	3	030	23748	13	-61.7							
050								050	20549	2	-67.8		4	95	276	11	050	20652	10	-66.3		9	96	267	13		
100								100	16524	1	-79.8		2	77	294	10	100	16596	10	-80.2		9	47	313	4		
150								150	14174	0	-68.2		1	85	271	15	150	14226	10	-66.8		9	82	246	9		
200								200	12390	0	-53.9		1	79	222	11	200	12433	10	-53.6		9	60	201	6		
300	9626	4	-34.5	9.3	9	77	200	7	300	9661	0	-32.5	7.5	0	76	243	7	300	9691	10	-32.3	6.6	9	33	141	2	
500	5839	0	-5.0	13.3	0	24	63	1	500	5855	0	-6.5	4.7	0	42	141	2	500	5877	9	-6.6	7.8	8	54	77	4	
700	3128	0	8.8	7.1	0	74	62	4	700	3145	0	8.8	5.9	0	92	96	7	700	3160	9	8.5	7.4	8	95	98	9	
850	1488	0	17.3	5.4	0	97	32	11	850	1514	0	15.8	2.1	0	94	82	8	850	1521	8	16.9	4.6	7	94	89	8	
990	*	167	22.6	4.3				1012	*	9	24.0	1.3					1011	*	16	24.8	2.8						
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 0309S 05959W OB 2								S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 1552S 04756W OB 2								S AMERICA - BRAZIL GALEAO 83746 2249S 04315W OB 2											
030								030	23775	12	-58.1		9	97	89	18	030	23827	9	-56.0		8	99	97	23		
050	20680	12	-65.1		9	88	279	11	050	20620	10	-67.5		8	97	86	16	050	20645	8	-64.7		7	99	104	16	
100	16617	10	-81.1		9	33	249	3	100	16590	11	-77.2		8	94	114	9	100	16583	6	-77.1		6	58	113	6	
150	14261	11	-66.8		9	30	161	3	150	14217	10	-66.9		8	90	139	14	150	14208	6	-67.5		6	54	181	7	
200	12446	9	-52.6		8	65	142	8	200	12423	9	-53.5		7	80	148	10	200	12423	6	-54.2		6	45	217	5	
300	9692	9	-31.7	6.6	8	80	137	6	300	9693	9	-32.3	9.8	7	67	125	5	300	9694	6	-32.5	10.5	6	25	290	2	
500	5868	9	-6.5	3.9	8	58	81	4	500	5883	9	-6.8	9.7	7	58	53	4	500	5887	6	-6.2	9.0	6	57	323	4	
700	3158	9	8.0	3.0	8	92	94	6	700	3171	10	8.5	5.4	8	67	59	4	700	3173	6	8.8	6.2	6	67	316	4	
850	1520	9	16.8	2.3	8	88	69	8	850	1527	10	18.9	5.8	8	33	97	2	850	1533	6	18.6	6.3	6	73	335	4	
1003	*	84	23.5	2.0				898	*1061		21.7	5.7					1008	*	6	26.4	4.8						
S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 83780 2337S 04639W OB 2								S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 2531S 04910W OB 2								S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 3000S 05111W OB 2											
030	23821	12	-57.6		9	98	96	21	030								030	23892	10	-54.6		9	94	62	15		
050	20654	9	-65.2		9	99	108	15	050	20725	13	-63.2		9	93	85	13	050	20689	9	-63.5		9	90	87	10	
100	16591	7	-77.5		7	44	99	4	100	16613	13	-75.0		9	44	158	4	100	16576	7	-72.8		9	61	200	6	
150	14211	7	-66.9		7	41	240	5	150	14212	14	-66.0		9	75	246	11	150	14170	7	-64.5		9	81	253	15	
200	12416	6	-53.2		6	44	271	6	200	12411	14	-53.0		9	75	262	11										

S. AMER-ARGENTINA

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	°C	°C	°C	°C	%	%	o	mps	mb	gpm	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	mb	gpm	°C	°C	°C	°C	°C	°C	°C	°C	mps
S AMERICA - ARGENTINA SALTA AERO 87047 2451S 06529W OB 2																																
030	23764	7	-56.9								030	23979	5	-51.4								030	23922	6	-42.0							
050	20588	1	-65.4								050	20712	1	-58.1								050	20483	2	-43.3							
100	16520	1	-76.7								100	16472	0	-61.2								100	15826	2	-44.2							
150	14150	0	-66.0			9	88	235	11		200	12150	0	-54.7								150	13113	1	-44.7							
200	12355	0	-53.5			9	98	240	11		300	9480	0	-39.0	20.3	0	85	271	21			200	11191	1	-45.0							
300	9631	0	-33.0	13.9	9	82	225	8		500	5772	0	-11.8	22.4	0	66	262	10			500	5071	1	-31.2	12.5							
500	5842	0	-6.9	9.2	9	67	155	3		700	3114	0	5.5	17.6	0	68	272	7			700	2619	1	-17.6	11.2							
700	3134	0	9.0	4.2	7	66	25	2		850	1495	0	16.3	18.4	0	40	248	4			850	1088	0	2.1	8	26						
850	1496	0	18.1	4.7	2	33	155	1		981	* 271		18.4	12.3								*	32									
878	* 1221		16.6	1.8																												
ANTARCTICA - AUSTRALIA DAVIS 89571- 6835S 07758E OB 1																																
030	23762	7	-61.7								030	23662	7	-61.7								030	23665	2	-60.7							
050	20490	5	-44.0								050	20549	2	-68.1								050	20540	0	-67.8							
100	15739	2	-44.9			5	88	269	10		100	16531	0	-80.9								100	16512	0	-80.9							
150	13146	1	-44.7			6	74	249	7		150	14187	0	-68.1								150	14179	0	-69.1							
200	11217	0	-44.1			4	74	243	7		200	12403	0	-54.1								200	12403	0	-54.7							
300	8536	0	-50.3			2	47	263	8		300	9667	0	-31.5	12.6	0	83	99	7			300	9673	0	-31.3	12.2	9	75	84	6	76	
500	5070	0	-31.4	7.3	1	25	264	3		500	5851	0	-5.5	15.8	0	86	78	6			500	5852	0	-5.1	12.2	6	80	76	7	6		
700	2661	0	-18.0	4.4	1	23	78	2		700	3136	0	9.1	12.8	0	61	72	3			700	3135	0	9.5	13.1	3	65	76	4	6		
850	1150	0	-11.4	2.8	2	83	48	7		850	1501	0	17.8	5.9	0	69	42	3			850	1503	0	16.7	6.5	2	88	70	6	6		
984	* 13		-4.3	6.5						1009	* 4		26.1	4.6							10011	* 5		23.9	2.7							
SW PACIFIC - MALAYSIA KUALA LUMPUR/PETALING JAYA 48648 0306N 10139E OB 3																																
030	23677	19	-61.6								030	23648	4	-62.8								030	23648	4	72	88	4					
050	20554	9	-68.6								050	20546	3	-68.6								050	20546	3	97	273	10					
100	16537	0	-81.6								100	16521	1	-80.7								100	16521	1	76	103	14					
150	14194	0	-68.5								150	14186	0	-69.0								150	14186	0	98	111	8					
200	12410	0	-54.1								200	12406	0	-54.1	11.5	0	95	119	16			200	12406	0	95	119	16					
300	9675	0	-31.4			11.2					300	9669	0	-31.2	8.2	0	92	119	8			300	9669	0	92	119	8					
500	5853	0	-5.7	10.4	0	77	78	5		500	5844	0	-5.2	10.1	0	51	88	3			500	5844	0	51	88	3						
700	3138	0	8.7	7.8	0	24	12	1		700	3139	0	9.1	9.6	0	33	45	1			700	3127	0	9.2	8.2	0	35	306	2	2		
850	1505	0	17.0	3.5	0	64	22	2		850	1506	0	16.5	5.0	0	88	19	6			850	1491	0	16.8	2.7	0	86	339	5	5		
1005	* 57		25.0	2.7						1009	* 16		23.3	2.1							1007	* 16		28.3	5.8							
SW PACIFIC - USA (PACIFIC OCEAN NORTH) MIDWAY ISLAND 91066 2813N 17722W OB 2																																
030	23730	8	-57.4								030	23620	3	-74.6								030	23620	3	64	319	9					
050	20557	8	-64.8								050	20508	1	-64.9								050	20508	1	74	296	22					
100	16444	3	-73.5								100	16420	3	-74.6								100	16420	3	66	297	20					
150	14021	2	-64.0								150	14008	1	-64.9								150	14008	1	44	293	9					
200	12212	1	-54.5								200	12210	0	-55.9								200	12210	0	44	293	9					
300	9522	0	-37.4								300	9531	0	-38.0								300	9531	0	44	293	9					
500	5798	0	-11.2			7.5	2				500	5806	0	-10.9	8.1	1	25	252	2			500	5806	0	25	252	2					
700	3133	0	4.7			8.6	2				700	3137	0	4.6								700	3137	0	28	155	2					
850	1525	0	11.9			3.7	2				850	1529	0	12.2	3.2	1	58	136	3			850	1529	0	58	136	3					
1011	* 45		20.7			2.6					1015	* 11		18.9								1015	* 11		2.0							
SW PACIFIC - USA (PACIFIC OCEAN NORTH) TRUK, CAROLINE IS. 91334 0728N 15151E OB 1																																
030	23805	6	-58.7			6	.97	90	13		030	23791	14	-56.2								030	23791	14	99	87	23					
050	20636	8	-64.7			6	96	271	7		050	20562	4	-67.5								050	20633	6	67.0							
100	16613	6	-82.6			3	97	89	18		100	16586	0	-83.7								100	16638	1	-81.1							
150	14272	4	-67.3			6	82	97	10		150	14249	0	-67.9								150	14274	0	-65.0							
200	12475	2	-53.1			2	83	121	10		200	12461	0	-52.5								200	12458	0	-50.0							
300	9718	2	-29.7			3	89	88	8		300	9701	0	-29.8								300	9684	0	-28.6	12.5	9	301	97	1	301	
500	5878	2	-4.7	5.9	3	97	87	9		500	5859	0	-4.8	8.3	1	72	280	4			500	5832	0	-3.8	11.1	1	38	307	4	4		
700	3155	2	9.8	8.3	2	95	91	11		700	3140	0	9.7	5.2	1	93	287	8			700	3099	0	10.5	9.0	0	37	16	3	3		
850	1512	2	17.9	4.5	3	96	78	7		850	1496	0	18.2	3.6	1	91	284	7			850	1459	0									

SW PAC-N ZEALAND

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mps
SW PACIFIC - NEW ZEALAND (KIRIBATI) TAWARA 91610 0121N 17255E 0B	SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 91643 0831S 17913E 0B	SW PACIFIC - FIJI NANDI 91680 1745S 17727E 0B	SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 0948S 13902W 0B 1																					
030 23711 11 -59.9 050 20564 3 -65.5 100 16524 1 -85.3 150 14206 0 -69.6 8.3 200 12429 0 -54.6 9.7 300 9692 0 -31.4 12.8 500 5864 0 -5.3 15.7 700 3142 0 10.6 8.4 9 41 52 5 850 1499 0 17.9 7.4 7 92 73 15 1010 * 4 29.6 6.7	030 23700 2 -59.0 050 20552 2 -66.6 100 16546 0 -83.0 150 14210 0 -68.8 200 12428 0 -54.3 300 9687 0 -30.9 9.5 5 51 86 151 16 500 5858 0 -6.0 5.1 5 27 119 3 700 3138 0 9.4 5.5 5 17 302 1 850 1499 0 17.4 3.3 5 64 9 8 1009 * 2 29.5 5.8	030 23731 7 -61.0 050 20580 5 -67.2 100 16592 4 -83.5 150 14250 2 -67.2 11.1 4 83 172 20 200 12452 2 -52.4 9.1 3 79 189 15 300 9692 0 -29.5 8.1 1 47 202 7 500 5846 0 -4.4 6.4 1 23 24 3 700 3115 0 10.6 7.3 1 54 316 8 850 1474 0 17.8 4.1 1 57 338 10 1005 * 18 29.0 5.0	030 23644 14 -59.4 050 20507 9 -67.9 100 16438 3 -74.6 150 14047 0 -66.1 200 12264 0 -56.3 300 9573 0 -35.8 10.6 0 50 259 5 500 5825 0 -9.2 14.7 0 82 63 7 700 3135 0 8.7 15.7 0 84 74 8 850 1510 0 15.8 4.5 0 94 91 6 1005 * 52 30.5 7.6																					
SW PACIFIC - USA (SAMOA) PAGO PAGO/INT. AIRPORT 91765 1420S 17043W 0B 2	SW PACIFIC - NEW ZEALAND RAROTONGA 91843 2112S 15949W 0B 1	SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 2737S 14420W 0B 1	SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 93944 5233S 16909E 0B 1																					
030 050 100 16563 9 -79.8 150 14201 4 -68.3 200 12417 4 -54.3 300 9682 4 -31.4 500 5864 5 -6.1 700 3149 3 8.6 4.9 3 63 23 4 850 1514 3 16.9 9.2 3 75 22 6 1010 * 3 25.8 2.5	030 23854 9 -54.4 050 20657 2 -64.2 100 16540 1 -74.5 150 14166 0 -68.4 200 12390 0 -55.8 300 9672 0 -32.8 10.1 0 46 156 4 500 5869 0 -6.9 11.1 0 25 57 2 700 3164 0 8.8 7.7 0 52 357 4 850 1529 0 17.4 4.7 0 62 12 5 1012 * 7 28.6 4.6	030 23860 7 -55.9 050 20656 5 -63.4 100 16498 2 -70.3 150 14089 0 -69.1 200 12323 0 -56.9 300 9627 0 -34.9 12.4 0 54 113 5 500 5860 0 -8.0 13.7 0 58 110 4 700 3169 0 7.1 11.1 0 59 99 4 850 1548 0 14.9 5.3 0 75 78 6 1017 * 2 26.0 4.5	030 23860 7 -55.9 050 20656 5 -63.4 100 16498 2 -70.3 150 14089 0 -69.1 200 12323 0 -56.9 300 9627 0 -34.9 12.4 0 54 113 5 500 5860 0 -8.0 13.7 0 58 110 4 700 3169 0 7.1 11.1 0 59 99 4 850 1548 0 14.9 5.3 0 75 78 6 1017 * 2 26.0 4.5																					
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 1733S 14937W 0B 1	SW PACIFIC - FRENCH POLY. (TUAMOTU IS) HAO 91944 1804S 14057W 0B 1	SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 2737S 14420W 0B 1	SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 93944 5233S 16909E 0B 1																					
030 050 100 16468 4 -70.5 150 14055 3 -68.3 200 12291 1 -56.7 300 9595 2 -35.1 8.6 2 70 125 7 500 5831 1 -9.0 8.6 1 67 84 5 700 3146 0 6.9 8.1 0 54 64 4 850 1522 0 15.8 4.2 0 67 55 4 1013 * 2 28.9 5.3	030 23682 8 -58.5 050 20536 7 -66.9 100 16428 3 -69.1 150 14007 1 -68.7 200 12254 0 -58.0 300 9571 0 -36.3 10.1 5 67 104 6 500 5827 0 -9.8 10.0 0 42 59 3 700 3145 0 6.7 9.5 1 55 41 3 850 1523 0 15.5 5.7 2 55 70 3 1013 * 3 28.7 6.3	030 23860 7 -55.9 050 20656 5 -63.4 100 16498 2 -70.3 150 14089 0 -69.1 200 12323 0 -56.9 300 9627 0 -34.9 12.4 0 54 113 5 500 5860 0 -8.0 13.7 0 58 110 4 700 3169 0 7.1 11.1 0 59 99 4 850 1548 0 14.9 5.3 0 75 78 6 1017 * 2 26.0 4.5	030 23860 7 -55.9 050 20656 5 -63.4 100 16498 2 -70.3 150 14089 0 -69.1 200 12323 0 -56.9 300 9627 0 -34.9 12.4 0 54 113 5 500 5860 0 -8.0 13.7 0 58 110 4 700 3169 0 7.1 11.1 0 59 99 4 850 1548 0 14.9 5.3 0 75 78 6 1017 * 2 26.0 4.5																					
SW PACIFIC - NEW ZEALAND KAITAIA 93012 3508S 17316E 0B 1	SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 4625S 16820E 0B 1	SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 93944 5233S 16909E 0B 1	SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 93944 5233S 16909E 0B 1																					
030 23997 3 -51.2 050 20732 3 -58.8 100 16480 3 -67.1 150 13996 2 -59.5 200 12160 2 -51.1 300 9453 1 -38.6 14.8 2 72 260 16 500 5744 1 -11.8 19.8 2 54 261 7 700 3084 1 4.0 20.2 1 27 285 3 850 1489 1 9.0 4.9 1 11 22 1 1003 * 87 21.1 6.5	030 24094 9 -48.9 050 20776 5 -53.8 100 16366 2 -58.3 150 13801 2 -55.4 200 11966 2 -55.3 300 9315 1 -41.8 500 5650 1 -15.0 15.3 1 56 263 10 700 3026 1 -0.5 12.9 2 46 278 6 850 1451 1 6.4 5.1 3 48 281 5 1012 * 1 14.9 4.1	030 24045 6 -49.6 32.6 6 46 71 2 050 20729 3 -47.9 29.3 3 55 276 3 100 16256 2 -52.7 30.2 2 89 278 14 150 13645 2 -52.5 29.2 2 87 273 21 200 11787 2 -53.2 20.4 3 85 271 27 300 9145 2 -44.0 8.6 2 78 272 28 500 5527 2 -18.6 12.7 2 87 272 21 700 2942 2 -3.8 11.8 2 82 272 14 850 1389 2 1.9 6.1 2 74 274 12 1005 * 19 10.7 3.5	030 24045 6 -49.6 32.6 6 46 71 2 050 20729 3 -47.9 29.3 3 55 276 3 100 16256 2 -52.7 30.2 2 89 278 14 150 13645 2 -52.5 29.2 2 87 273 21 200 11787 2 -53.2 20.4 3 85 271 27 300 9145 2 -44.0 8.6 2 78 272 28 500 5527 2 -18.6 12.7 2 87 272 21 700 2942 2 -3.8 11.8 2 82 272 14 850 1389 2 1.9 6.1 2 74 274 12 1005 * 19 10.7 3.5																					
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 4357S 17634W 0B 1	SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 1224S 13052E 0B	SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 1216S 13649E 0B	SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 1216S 13649E 0B																					
030 23997 5 -51.7 31.9 5 94 83 6 050 20727 5 -56.4 30.9 4 55 67 2 100 16377 1 -59.7 28.5 2 80 271 8 150 13828 1 -55.9 27.8 2 70 264 12 200 11988 1 -53.7 20.8 2 55 263 10 300 9329 1 -42.1 13.7 2 45 262 9 500 5671 1 -15.1 16.1 2 44 261 7 700 3046 1 0.7 16.6 3 41 257 5 850 1466 1 6.7 8.0 3 33 259 3 1008 * 48 16.8 3.4	030 23655 2 -60.3 050 20534 0 -67.5 100 16555 0 -83.8 150 14218 0 -67.7 200 12427 0 -52.7 300 9674 0 -30.2 500 5846 0 -5.7 4.5 1 18 200 1 700 3136 0 9.5 9.5 2 91 112 10 850 1489 0 20.3 9.3 0 71 91 3 1004 * 30 25.9 1.8	030 24045 6 -49.6 32.6 6 46 71 2 050 20729 3 -47.9 29.3 3 55 276 3 100 16553 2 -82.7 1 80 97 10 150 14217 0 -67.9 0 54 38 6 200 12424 0 -52.9 0 31 14 3 300 9675 0 -30.1 0 23 242 2 500 5845 0 -5.3 8.7 0 46 265 3 700 3133 0 9.2 8.9 1 74 138 6 850 1488 0 19.9 9.4 1 52 101 3 1001 * 54 26.0 1.0	030 24045 6 -49.6 32.6 6 46 71 2 050 20729 3 -47.9 29.3 3 55 276 3 100 16553 2 -82.7 1 80 97 10 150 14217 0 -67.9 0 54 38 6 200 12424 0 -52.9 0 31 14 3 300 9675 0 -30.1 0 23 242 2 500 5845 0 -5.3 8.7 0 46 265 3 700 3133 0 9.2 8.9 1 74 138 6 850 1488 0 19.9 9.4 1 52 101 3 1001 * 54 26.0 1.0																					

SW PAC-AUSTRALIA

UPPER AIR

FEBRUARY 1989

SW PAC-AUSTRALIA

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps
SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 3456S 13831E 0B																										
SW PACIFIC - AUSTRALIA COBAR 94711 3129S 14549E 0B																										
030	23937	4	-54.5		4	99	90	13	030	23888	10	-55.2		9	96	89	10	030								
050	20720	2	-60.9		1	94	90	8	050	20692	7	-62.8		3	59	268	7	050								
100	16492	1	-67.7		0	82	255	10	100	16519	4	-69.8		2	63	271	15	100								
150	14024	0	-60.6		0	81	250	18	150	14064	2	-61.0		2	53	263	15	150								
200	12207	0	-54.1		0	80	245	20	200	12243	1	-52.7		0	47	242	8	200								
300	9529	0	-38.5		0	74	245	14	300	9545	1	-37.3		0	44	203	4	300								
500	5811	0	-10.6	20.3	0	70	250	9	500	5817	1	-10.0	20.4	0	44	182	4	500								
700	3138	0	6.5	18.2	0	48	265	5	700	3138	1	6.3	15.4	0	44	850	1517	1	17.0	14.4	0	23	51	2	700	
850	1520	0	15.1	17.1	0	37	270	3	850	983	*	265	24.0	13.3	*	69	850	*	265	24.0	13.3	*	69	850	5	850
1015	*	4	20.6	10.0																						
SW PACIFIC - AUSTRALIA MT GAMBIER AIRPORT 94821 3744S 14047E 0B																										
SW PACIFIC - AUSTRALIA LAVERTON AERODROME 94865 3751S 14444E 0B																										
030	23939	2	-54.5		5	98	88	12	030	23945	5	-54.1		8	99	87	11	030	23914	5	-55.3					
050	20713	1	-60.2		2	94	91	7	050	20717	2	-60.2		6	83	86	5	050	20706	3	-61.4					
100	16454	0	-64.9		1	76	261	9	100	16455	1	-64.7		3	74	272	9	100	16481	1	-67.0					
150	13960	0	-59.5		1	80	257	16	150	13957	0	-59.2		0	75	255	16	150	13999	1	-59.8					
200	12140	0	-54.6		0	75	249	18	200	12136	0	-54.6		0	67	250	14	200	12178	0	-54.0					
300	9470	0	-39.4		0	63	250	14	300	9468	0	-39.4		0	58	256	12	300	9500	0	-38.9					
500	5769	0	-12.2	15.9	0	69	254	11	500	5768	0	-12.1	18.1	0	65	258	9	500	5792	0	-11.3	17.3	2	63	228	7
700	3113	0	4.7	15.6	0	62	261	6	700	3113	0	4.5	17.4	0	51	265	5	700	3128	0	4.5	12.5	0	63	252	5
850	1507	0	12.6	16.3	1	33	238	3	850	1508	0	12.1	11.5	0	22	314	2	850	1520	0	14.3	9.2	0	40	338	3
1008	*	69	17.3	6.6					1013	*	14	19.4	7.1					991	*	213	21.1	9.9				
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 4250S 14730E 0B																										
SW PACIFIC - AUSTRALIA ADDITIONAL IS. LORD HOWE ISLAND 94995 3131S 15905E 0B																										
030	24004	5	-52.7		8	94	93	7	030	23871	9	-56.1		9	99	89	15	030	20656	2	-64.8					
050	20746	3	-57.7		8	61	98	3	050	20679	6	-63.3		6	92	87	10	050	16566	1	-76.6					
100	16416	1	-60.9		5	83	269	11	100	16531	6	-65.3		1	92	276	15	100	14174	1	-64.1					
150	13877	0	-57.6		4	74	259	16	150	14106	5	-62.4		0	94	286	30	150	12356	1	-50.9					
200	12051	0	-44.9		1	55	252	14	200	12278	5	-50.1		0	92	285	31	200	9601	1	-31.6					
300	9390	0	-40.7		0	51	257	12	300	9543	5	-34.3		0	78	281	18	300	5802	1	-6.7	17.3	0	62	276	8
500	5715	0	-14.0	12.8	0	60	266	9	500	5787	5	-9.3	38.2	0	34	238	4	500	3103	1	7.8	20.0	0	14	18	1
700	3079	0	1.7	11.0	0	57	266	6	700	3106	5	6.5	26.7	1	48	155	4	700	3139	0	8.7	5.3	9	59	262	3
1008	*	6	16.8	5.5		61	262	5	1014	*	46	22.0	6.8		55	139	5	999	*	109	22.5	5.2				
SW PACIFIC - AUSTRALIA ADDITIONAL IS. MACQUARIE ISLAND 94998 5429S 15856E 0B																										
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 0129N 11020E 0B 3																										
030	23649	15	-62.4		9	70	99	3	030	23649	7	-67.9		9	83	265	9	050	20537	2	-82.5					
050	20537	1	-68.3		9	97	285	6	050	20556	3	-66.5		6	85	98	21	100	16521	2	-68.5					
100	16204	2	-51.7		2	92	272	17	100	16504	3	-81.1		6	85	98	21	150	14170	1	-68.7					
150	13572	2	-50.9		2	91	273	23	150	14172	3	-69.3		5	96	109	22	200	12389	1	-54.6					
200	11693	2	-51.0		2	89	272	28	200	12393	3	-54.7		5	94	114	14	300	9661	1	-32.1	5.6	9	87	102	7
300	9047	0	-44.4		1	78	267	31	300	9664	3	-31.9	5.4	5	93	106	7	500	5849	0	-6.3	3.4	9	71	102	3
500	5445	0	-20.5	8.9	0	83	266	24	500	5850	3	-6.3	3.2	3	53	91	3	700	3139	0	8.7	5.3	9	59	262	3
700	2888	0	-6.2	9.5	0	86	267	18	700	3137	3	8.7	3.8	3	41	281	2	850	1505	3	16.9	3.3	58	341	2	
850	1354	0	-0.2	4.4	0	87	270	15	850	1503	3	24.4	1.3	1	58	348	2	1009	*	3	24.5	1.4				
1008	*	6	8.1	2.7					1009	*	27							1009	*	3	26.3	3.5				
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 0556N 11603E 0B 3																										
030	23657	5	-60.9		9	95	78	10	030	23693	3	-60.4		9	96	274	12	030	23632	8	-60.5					
050	20537	1	-68.3		9	97	285	6	050	20556	3	-66.5		6	85	98	21	100	16521	2	-82.5					
100</td																										

SHIP

UPPER AIR

FEBRUARY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	° DIRECTION	mps	b6	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	° DIRECTION	mps	b6	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	° DIRECTION	mps
SHIP SITE - OCEAN WEATHER STATIONS																												
CHARLIE																												
99030 5245N 03530W 08 3																												
030	23525	4	-51.7		4	83	253	18																				
050	20236	2	-54.7		2	88	244	19																				
100																												
150	13254	0	-54.0		0	94	254	22																				
200	11405	0	-53.4	6.5	0	94	258	25																				
300	8784	0	-48.7	6.5	0	93	256	26																				
500	5290	0	-29.1	6.9	0	93	254	17																				
700	2820	0	-16.0	5.9	0	89	253	10																				
850	1336	0	-7.7	3.3	0	81	254	7																				
1005	*	0	2.3	4.5																								

EUROPE-NORWAY

UPPER AIR LATE REPORTS

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED									
mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps				
EUROPE - NORWAY																																			
01001	JAN	1988	7056N	00840W	OB	3			01028	JAN	1988	7431N	01901E	OB	3			01152	JAN	1988	6715N	01424E	OB	3											
030	22725	20	-70.8	24.3	9	98	254	28	030	22634	4	-71.6	23.0	4	98	270	28	030	22981	4	-69.2		6	96	187	29									
050	19668	10	-66.7	25.8	9	98	251	24	050	19594	0	-68.6	24.0	0	97	269	25	050	19878	3	-65.3		4	95	190	23									
100	15424	8	-61.0	27.3	9	97	248	18	100	15379	0	-62.0	25.6	0	94	269	19	100	15601	3	-59.2		3	100	192	20									
150	12886	5	-58.0	27.1	5	94	245	15	150	12853	0	-58.8	25.2	0	92	267	16	150	13042	3	-56.4		3	94	198	18									
200	11068	4	-57.5	22.9	4	86	249	12	200	11044	0	-58.2	21.6	0	86	266	15	200	11214	3	-56.2		3	92	202	18									
300	8504	2	-56.3	12.8	2	59	251	10	300	8500	0	-58.2	11.7	0	76	262	14	300	8649	3	-55.5		3	80	207	19									
500	5127	0	-36.5	12.0	0	47	232	6	500	5150	0	-37.3	12.0	0	56	261	8	500	5231	3	-32.5	7.0	3	78	208	13									
700	2721	0	-21.3	13.1	0	19	235	2	700	2741	0	-20.2	13.0	0	39	254	4	700	2774	3	-15.3	5.6	3	73	218	9									
850	1266	0	-13.9	10.9	0	19	50	2	850	1278	0	-12.1	9.4	0	14	218	2	850	1283	3	-7.1	5.7	3	71	212	8									
1002	*	9	-10.9	2.9					1001	*	18	-7.6	1.4					999	*	8	-0.3	2.1													
EUROPE - NORWAY																																			
01241	JAN	1988	6342N	00936E	OB	3			01384	JAN	1988	6012N	01106E	OB	3			01415	JAN	1988	5852N	00540E	OB	3											
030	22501	5	-67.4		9	92	267	27	030	23171	1	-66.5		1	97	267	23	030	23202	0	-66.5		1	95	265	23									
050	19995	0	-64.0		3	95	263	20	050	20062	0	-62.7		0	97	267	19	050	20089	0	-62.6		0	97	255	20									
100	15688	0	-58.6		1	91	257	17	100	15746	0	-57.8		0	94	260	15	100	15765	0	-56.6		0	94	255	17									
150	13121	0	-55.8		1	97	252	16	150	13157	6	-55.9		0	94	254	16	150	13189	0	-55.1		0	91	250	15									
200	11289	0	-55.8		1	87	248	17	200	11345	0	-56.7		0	86	247	16	200	11350	0	-55.1		0	72	240	15									
300	8719	0	-54.2		1	82	243	20	300	8778	0	-54.1		0	73	235	17	300	8766	0	-53.7		0	69	230	17									
500	5283	0	-33.0	5.3	0	82	243	14	500	5322	0	-28.9	8.1	0	78	230	12	500	5308	0	-28.9	5.9	0	69	225	11									
700	2800	0	-19.1	5.5	0	73	237	8	700	2832	0	-12.4	6.4	0	69	218	9	700	2815	0	-11.9	4.1	0	82	210	9									
850	1274	0	-4.5	5.4	0	55	211	5	850	1325	0	-5.2	2.5	0	60	204	6	850	1305	0	-3.3	2.9	0	78	195	9									
998	*	10	1.3	3.6					990	*	201	-0.5	1.0					996	*	33	3.6	2.7													
EUROPE - IRELAND																																			
03953	JAN	1988	5156N	01015W	OB	3			07481	JAN	1988	4544N	00505E	OB	2			08001	JAN	1988	4322N	00825W	OB	3											
030	23380	9	-62.4		9	92	262	18	030	20419	8	-62.4		5	80	307	11	030	23585	3	-60.0		3	92	280	8									
050	20230	3	-60.4		9	90	262	14	050	20446	0	-61.9	25.1	0	81	277	6	050	20407	0	-61.1		0	88	280	8									
100	15879	1	-56.3		8	91	263	16	100	16127	2	-60.2		5	80	307	11	100	16103	0	-60.0		0	88	282	15									
150	13295	1	-54.3		3	88	263	20	150	13581	2	-57.2		3	76	305	14	150	13555	0	-57.9		0	85	284	22									
200	11464	0	-54.9		2	86	264	25	200	11759	2	-56.5		3	70	305	16	200	11749	0	-59.2		0	80	289	25									
300	8848	0	-49.0	14.1	1	75	265	25	300	9146	2	-47.0		3	53	310	14	300	9147	0	-46.8	15.8	0	75	286	21									
500	5348	0	-26.7	11.5	0	76	257	18	500	5580	1	-22.2	11.8	2	46	304	7	500	5513	0	-21.1	15.4	0	79	276	19									
700	2833	0	-10.0	8.6	0	80	255	14	700	3021	0	-5.4	11.9	2	33	315	9	700	3011	0	-5.7	15.6	0	82	258	14									
850	1311	0	-1.2	3.2	0	72	247	12	850	1476	0	1.7	6.5	1	38	308	3	850	1468	0	1.7	4.2	0	85	250	12									
998	*	14	7.3	3.0					1012	*	45	13.1	4.0					1011	*	54	12.4	5.2													
AFRICA - MADEIRA																																			
08522	JAN	1988	3238N	01654W	OB	2			08579	JAN	1988	3846N	00908W	OB	3			11520	JAN	1988	5000N	01427E	OB	3											
030	23643	7	-59.1		7	79	282	6	030	23625	1	-59.0	26.2	1	81	273	7	030	23486	28	-62.7		9	98	297	11									
050	20450	8	-55.7		8	74	292	7	050	20446	0	-61.9	25.1	0	81	277	6	050	20287	14	-60.7		9	92	274	11									
100	16168	6	-66.8		6	85	301	16	100	16202	6	-62.0		6	86	284	15	100	15941	0	-58.0	7.1	3	92	272	13									
150	13840	6	-62.5		6	84	310	22	150	13680	3	-59.9	19.6	4	80	292	20	150	13																

EUROPE-CZECHOSLOVAKIA UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
EUROPE - CZECHOSLOVAKIA POPRAD/GANOVCE																													
11952	JAN 1988	4902N	02019E	OB 3					12843	JAN 1988	4726N	01911E	OB 1					12982	JAN 1988	4615N	02006E	OB 3							
030	23496	5	-62.6		5	95	268	11	030	23531	16	-60.4		9	92	281	11	030	23573	20	-60.5		9	94	282	12			
050	20329	0	-60.9		0	96	271	10	050	20335	16	-60.4		9	93	285	10	050	20394	4	-59.8		4	95	282	10			
100	15995	0	-58.0	6.1	0	92	270	13	100	15993	3	-58.1		3	93	283	12	100	16048	1	-57.5		1	93	283	13			
150	13429	0	-56.8	5.3	0	88	267	13	150	13428	1	-56.5		1	89	281	14	150	13477	0	-56.2		0	90	281	14			
200	11619	0	-59.2	4.7	0	71	265	14	200	11610	1	-58.9		1	76	278	14	200	11657	0	-58.3		0	79	280	15			
300	9047	0	-50.0	4.9	0	50	254	11	300	9041	0	-50.6	5.0	0	56	267	12	300	9078	0	-50.1	5.2	0	60	266	13			
500	5513	0	-23.5	5.9	0	57	254	8	500	5518	0	-24.2	6.9	0	63	261	9	500	5543	0	-23.3	6.9	0	67	261	10			
700	2972	0	-7.6	5.7	0	67	247	7	700	2979	0	-7.6	7.2	0	70	262	7	700	2998	0	-7.1	6.7	0	71	260	6			
850	1443	0	-1.1	3.3	0	76	241	5	850	1445	0	-0.4	4.8	0	54	247	5	850	1461	0	0.3	4.7	0	53	247	5			
932	* 706		0.4	2.5					1000	* 139		2.3	1.7					1008	* 83		3.3	2.4							
EUROPE - YUGOSLAVIA ZAGREB/MAKSIMIR																													
13130	JAN 1988	4549N	01602E	OB 3					13275	JAN 1988	4447N	02032E	OB 1					40080	JAN 1988	3325N	03631E	OB 1							
030	23596	6	-59.6		9	91	276	10	030	23506	9	-60.9		9	88	278	9	030	23638	5	-57.2		7	100	278	14			
050	20385	1	-60.2		2	90	277	8	050	20327	2	-61.4		2	93	287	9	050	20455	4	-63.0		4	95	271	13			
100	16045	0	-58.3		0	90	278	13	100	16012	0	-59.3		0	91	280	13	100	16214	4	-62.9		4	97	271	28			
150	13481	0	-56.6		0	90	278	15	150	13461	0	-57.6		0	89	283	15	150	13684	4	-56.8		4	95	272	40			
200	11664	0	-58.7		0	74	278	16	200	11652	0	-59.5		0	85	285	17	200	11859	2	-55.2		2	89	272	41			
300	9087	0	-49.8		0	58	272	14	300	9088	0	-50.9		0	66	272	14	300	9221	2	-44.8	14.8	3	85	275	32			
500	5551	0	-23.2	11.0	0	62	266	11	500	5559	0	-23.1	10.3	0	69	276	10	500	5623	1	-19.9	14.6	2	81	279	16			
700	3001	0	-6.4	8.9	0	65	263	7	700	3011	0	-6.8	12.2	0	70	269	6	700	3046	1	-3.6	11.5	1	81	274	9			
850	1461	0	0.5	3.8	0	64	253	6	850	1472	0	1.1	9.4	0	59	258	4	850	1492	1	2.8	4.0	1	72	258	5			
1002	* 128		4.0	2.6					994	* 243		4.1	3.2					947	* 611		4.2	1.2							
EUROPE - JORDAN MAFRAQ																													
40265	JAN 1988	3222N	03615E	OB 3					42369	JAN 1988	2645N	08053E	OB 3					43369	JAN 1988	0818N	07309E	OB 3							
030									030									030											
050									050									050											
100	16203	-62.4			263	29			100									100											
150	13685	-58.9			262	34			150	13881	9	-66.1		9	95	277	38	150											
200	11869	-54.7			264	35			200	12124	3	-56.6		4	96	273	44	200											
300	9228	-43.2			267	27			300	9428	1	-38.2		1	96	276	41	300											
500	5622	-18.9	35.9		267	14			500	5731	0	-14.1		0	95	280	19	500											
700	3043	-3.4	17.4		268	7			700	3089	0	3.5		0	94	287	10	700											
850	1493	3.4	2.7		256	4			850	1493	0	10.7	18.6	0	92	300	6	850											
1018	* 687								1000	* 128		14.8	6.1					1010	* 2		27.0	5.0							
ASIA - JAPAN CHICHIJIMA																													
47971	JAN 1988	2705N	14211E	OB 2					47991	JAN 1988	2418N	15358E	OB 2					61996	JAN 1988	3748S	07732E	OB 2							
030	23746	9	-55.0		2	96	252	12	030	23747	1	-55.5		2	51	306	2	030	23924	4	-51.9		9	58	269	45			
050	20563	1	-67.2		2	69	260	36	050	20589	1	-69.0		1	72	252	4	050	20674	2	-60.1		9	86	272	39			
100	16527	0	-75.9		0	98	260	36	100	16598	0	-78.0		0	97	264	21	100	16440	1	-66.4		3	86	272	39			
150	14130	0	-64.9		0	98	258	48	150	14219	0	-65.8		0	96	268	30	150	13963	0	-62.4		7	91	269	45			
200	12328	0	-52.8		0	96	262	49	200	12420	0	-52.6		0	97	269	30	200	12167	0	-56.2		3	86	272	39			
300	9594	0	-32.7	15.6	0	97	260	46	300	9686	0	-31.9	17.3	0	95	270	26	300	9489	0	-37.6	10.8	3	86	272	39			
500	5815	1	-8.8	17.4	0	98	262	32	500	5877	0	-5.9	23.6	0	95	267	19	500	5769	0	-11.1	15.4	1	86	278	28			
700	3136	0	5.1	15.3	0	95	266	17	700	3168	0	8.6	20.1	0	77	267	8	700	3109	0	3.3	13.5	0	83	283	20			
850	1534	0	10.5	6.3	1	75	262	9	850	1547	0	13.4	4.6	1	20	241	2	850	1516	0	8.5	6.5	0	76	287	15			
1018	* 8		20.6	5.4	1	88	35	6	874	* 1276		21.5	7.1	0	58	73	7	872	* 1280		17.0	3.4							
AFRICA -																													

N AMER-ST.MARTIN, ST.BA UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	Steadiness	Direction	
mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	
N AMERICA - ST.MARTIN, ST.BARTH., GUAD LE RAIZET, GUADELOUPE	78897	JAN 1988	1616N	06131W	OB			N AMERICA - COLOMBIA SAN ANDRES (ISLA)	80001	JAN 1988	1235N	08143W	OB	2		S AMERICA - COLOMBIA BOGOTA/ELDORADO	80222	JAN 1988	0442N	07408W	OB	2		
030 23787 3 -55.3			4 86	293	6			030 23780 6 -57.1			93	277	9			030 23780 6 -57.1			93	277	9			
050 20624 0 -69.5			0 50	357	2			050 20602 2 -65.4			90	275	9			050 20602 2 -65.4			90	275	9			
100 16624 0 -76.9			0 73	314	9			100 16600 1 -81.0			22	273	1			100 16600 1 -81.0			22	273	1			
150 14227 0 -64.3			0 90	301	17			150 14235 1 -66.4			71	270	10			150 14235 1 -66.4			71	270	10			
200 12423 0 -52.9			0 90	298	18			200 12437 1 -52.8			36	232	4			200 12437 1 -52.8			36	232	4			
300 9690 0 -32.3	20.2		0 69	341	9			300 9686 8 -32.1	14.9	8	47	255	6			300 9692 1 -31.0	12.3	1	41	185	3			
500 5883 0 -4.9	26.0		0 63	56	6			500 5871 7 -4.9	17.3	7	68	114	4			500 5858 1 -4.8	14.9	1	76	111	6			
700 3165 0 9.0	21.1		0 87	84	8			700 3151 7 8.9	13.5	7	88	71	7			700 3144 1 8.1	2.6	1	78	112	2			
850 1544 0 14.2	4.0		0 96	89	9			850 1525 7 15.4	2.8	7	94	71	12			850 *2548 6.3 0.9								
1016 *	8 22.3	1.9						1013 *	6 25.9	2.9														
S AMERICA - COLOMBIA GAVIOTAS	80241	JAN 1988	0433N	07055W	OB	2		S AMERICA - FRENCH GUIANA CAYENNE/ROCHAMBEAU	81405	JAN 1988	0450N	05222W	OB	2		S AMERICA - BRAZIL BELEM (AEROPORTO)	82193	JAN 1988	0123S	04829W	OB	8		
030 23786 5 -56.1			6 95	268	18			030 23897 1 -56.3			79	254	6			030 23897 1 -56.3			79	254	6			
050 20619 1 -67.7			1 95	275	13			050 20729 0 -64.9			69	273	6			050 20729 0 -64.9			69	273	6			
100 16618 0 -79.4			0 90	292	11			100 16707 2 -80.3			1	254	6			100 16707 2 -80.3			1	254	6			
150 14248 0 -66.0			0 88	278	17			150 14323 2 -65.1			68	253	10			150 14323 2 -65.1			68	253	10			
200 12447 0 -52.3			0 81	250	13			200 12508 1 -51.4			70	209	7			200 12508 1 -51.4			70	209	7			
300 9896 0 -29.9	15.6		0 89	278	11			300 9747 1 -30.3	8.5	0	50	259	3			300 9747 1 -30.3	8.5	0	50	259	3			
500 5865 0 -5.0	14.7		0 4	166	6			500 5900 1 -5.3	6.6	1	36	99	2			500 5900 1 -5.3	6.6	1	36	99	2			
700 3150 0 9.0	6.2		0 78	94	5			700 3174 1 9.2	5.3	0	95	94	10			700 3174 1 9.2	5.3	0	95	94	10			
850 1516 0 16.3	3.3		0 95	71	8			850 1530 1 17.9	5.0	0	95	79	9			850 1530 1 17.9	5.0	0	95	79	9			
990 * 167 23.7	4.3		0 24.2	0.9				1011 * 16 25.7	3.2								1011 * 16 25.7	3.2						
S AMERICA - BRAZIL FORTALEZA	82397	JAN 1988	0344S	03833W	OB			S AMERICA - BRAZIL RECIFE (CURADO)	82900	JAN 1988	0803S	03455W	OB			S AMERICA - BRAZIL BRASILIA (AEROPORTO)	83378	JAN 1988	1552S	04756W	OB			
030 23822 9 -55.8								030 23921 3 -55.9			100	90	12			030 23921 3 -55.9			100	90	12			
050 20638 6 -64.6								050 20761 2 -65.7			96	96	12			050 20761 2 -65.7			96	96	12			
100 16593 9 -78.0								100 16713 1 -76.7			81	114	11			100 16713 1 -76.7			81	114	11			
150 14214 8 -66.7								150 14316 1 -64.4			63	136	11			150 14316 1 -64.4			63	136	11			
200 12423 7 -54.0								200 12495 1 -51.8			52	137	8			200 12495 1 -51.8			52	137	8			
300 9688 3 -31.4	13.6							300 9741 1 -30.8	11.9	1	40	123	4			300 9741 1 -30.8	11.9	1	40	123	4			
500 5869 5 -5.1	13.4							500 5906 1 -4.8	15.3	1	29	31	2			500 5906 1 -4.8	15.3	1	29	31	2			
700 3153 4 9.1	7.4							700 3178 1 9.5	7.2	1	58	44	4			700 3178 1 9.5	7.2	1	58	44	4			
850 1517 5 17.2	3.7							850 1531 1 19.6	4.6	1	50	36	2			850 1531 1 19.6	4.6	1	50	36	2			
1009 * 19 28.2	4.9							898 *1061 23.0	5.5								898 *1061 23.0	5.5						
S AMERICA - BRAZIL GALEAO	83746	JAN 1988	2249S	04315W	OB			S AMERICA - BRAZIL SAO PAULO (AEROPORTO)	83780	JAN 1988	2337S	04639W	OB			S AMERICA - BRAZIL CURITIBA (AEROPORTO)	83840	JAN 1988	2531S	04910W	OB			
030 23916 3 -55.3			3 96	94	12			030 23898 7 -56.5			81	94	11			030 23986 3 -53.4			96	77	11			
050 20725 2 -65.4			2 96	102	11			050 20730 2 -66.7			95	100	10			050 20771 0 -65.1			94	84	8			
100 16681 2 -75.8			2 38	140	4			100 16692 1 -76.3			38	185	4			100 16698 0 -74.3			33	204	3			
150 14277 2 -65.0			2 40	209	7			150 14292 1 -64.3			45	208	8			150 14284 0 -63.7			74	257	13			
200 12472 2 -52.2			2 31	228	5			200 12476 1 -50.8			53	245	8			200 12463 0 -50.9			80	255	14			
300 9724 2 -31.1	14.8		2 30	281	4			300 9716 1 -30.5	15.9	1	30	256	4			300 9708 0 -31.0	13.2	0	83	261	10			
500 5899 2 -5.4	13.4		2 43	292	3			500 5886 1 -5.0	13.5	1	60	279	3			500 5877 0 -5.4	13.7	0	62	273	4			
700 3175 2 9.7	7.1		2 45	334	2			700 3164 1 9.8	7.5	1	83	315	5			700 3163 0 9.3	10.4	0	85	299	6			
850 1529 2 19.3	6.5		2 64	335	4			850 1518 1 19.0	5.6	1	71	351	5			850 1521 0 18.0	5.5	0	55	335	3			
1007 * 6 28.4	7.7							923 * 803 23.8	6.9							913 * 908 21.0	4.9							
S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO)	83971	JAN 1988	3000S	05111W	OB			EUROPE - CZECHOSLOVAKIA PRAHA-LIBUS	11520	FEB 1988	5000N	01427E	OB	3		AFRICA - NIGERIA KANO	65046	AUG 1988	1203N	00832E	OB	2		
030 23944 8 -54.6			9 90	70	9			030 23900 14 -48.2			51	26	7			030 23986 3 -53.4			96	77	11			
050 20738 4 -63.9			9 25	44	2			050 20537 7 -51.2			60	296	7			050 20771 0 -65.1			94	84	8			
100 16641 2 -73.2			6 81	244	13			100 16067 0 -55.3			81	272	12			100 16698 0 -74.3			33	204	3			
150 14219 2 -64.1			5 90	249	22			150 13476 0 -54.4			83	272	14			150 14247 6 -65.3			76	87	8			
200 12410 2 -51.9			4 91	249	25			200 11639 0 -56.2			77	275	15			200 12451 2 -53.9			88	87	10			
300 9660 2 -32.1	14.7		3 85	251	20			300 9064 0 -51.1			68	282	15			300 9713 0 -30.8			8.8	4	77			
500 5855 1 -7.3	15.2		2 84	255	10			500 5549 0 -24.4			70	279	12			500 5895 0 -5.7			6.0	4	92	82	5	
700 3143 1 8.5	12.5		2 82	252	7			700 3013 0 -7.5			80	274	10			700 3177 0 10.8			7.2	2	79	88	5	
850																								

ASIA-PAKISTAN

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
ASIA - PAKISTAN																													
MULTAN																													
41675	SEP 1988	3012N	0712E	OB 1	AFRICA - NIGERIA																								
030					030				050								030												
050					050				100	16579	10	-78.1					050												
100					100				150	14215	3	-67.1					100	16586	10	-78.4									
150					150				200	12428	3	-54.2					150	14217	3	-67.4									
200					200				300	9699	2	-31.9	21.9	9	46	258	3	200	12424	2	-54.3								
300	9283	0	-39.7		300	90	274	31	500	5887	1	-5.3	26.8	5	70	111	4	300	9700	2	-32.3	24.6	6	63	288	6			
500	5630	0	-17.3		500	84	277	13	700	3178	1	9.6	12.5	3	85	107	6	500	5892	1	-4.7	28.8	2	30	90	2			
700	3012	0	-2.3		700	71	278	6	850	1531	0	22.0	18.5	2	54	101	7	700	3178	1	9.2	15.4	1	58	135	4			
850	1478	0	8.8		850	12	328	1	958	* 481		32.2	21.1					850	1534	1	21.1	24.2	1	92	114	6			
999	* 123		8.6	2.3	958	*	481										959	*	481		30.6	28.3							
AFRICA - MADAGASCAR																													
ANTANANARIVO/IVATO																													
67083	NOV 1988	1848S	04729E	OB 3	EUROPE - FINLAND																								
030					030	22578			050	19499	6	-72.7					030	22792	1	-75.2									
050					050				100	15380	1	-67.2					050	19775	0	-70.9									
100	16527	0	-75.6		100	82	289	18	150	12908	0	-63.5					100	15597	0	-64.4									
150	14122	0	-64.2		150	96	292	39	200	11139	0	-63.0					150	13100	0	-61.5									
200	12323	0	-54.7		200	92	287	39	300	8623	0	-56.7	8.7	0	86	297	16	300	8773	0	-53.6	8.9	0	84	304	29			
300	9619	0	-35.0	16.3	300	87	293	28	500	5206	0	-31.8	8.2	0	85	296	16	500	5315	0	-29.1	7.7	0	85	301	20			
500	5851	0	-8.1	20.8	500	66	306	11	700	2746	0	-15.7	6.6	0	72	293	10	700	2829	0	-12.7	8.2	0	86	297	15			
700	3162	0	7.3	8.5	700	16	182	2	850	1258	0	-7.7	4.5	0	55	279	7	850	1324	0	-5.0	5.0	0	80	289	12			
850	1531	0	18.0	8.6	850	60	87	5	976	*	179		9.0	1.5			976	*	145		-2.3	2.7							
997	* 1276		20.1	9.9																									
EUROPE - FINLAND																													
JYVASKYLA																													
02935	JAN 1989	6224N	02541E	OB 1	02836	JAN 1989	6722N	02639E	OB 1	03953	JAN 1989	5156N	01015W	OB 3				030	22792	1	-75.2								
030	22925	0	-72.3		030	23488	8	-64.6		030	23488	8	-64.6		9	83	267	26	030	22817	5	-68.9							
050	19884	0	-69.5		050	20349	0	-62.8		050	20349	0	-62.8		9	93	262	22	050	19725	5	-61.9							
100	15692	0	-63.5		100	93	298	32	100	16053	0	-60.4				0	92	253	18	100	15496	1	-62.4						
150	13185	0	-60.9		150	92	301	30	150	13520	0	-60.0				0	85	252	17	150	12976	1	-58.3						
200	11402	0	-61.5		200	88	304	32	200	11737	0	-61.8				0	70	247	18	200	11161	1	-57.1						
300	8847	0	-52.4	8.7	300	85	305	31	300	9167	0	-48.5	13.5	0	65	245	18	300	8579	1	-53.0								
500	5367	0	-27.8	8.7	500	86	301	22	500	5612	0	-22.1	14.8	0	74	239	16	500	5146	1	-32.2	6.1	1	85	225	20			
700	2868	0	-11.6	8.5	700	88	296	16	700	3054	0	-5.7	15.1	0	82	238	14	700	2687	1	-15.0	7.1	1	84	220	14			
850	1357	0	-3.9	5.2	850	85	292	14	850	1152	0	0.8	6.0	0	81	233	13	850	1192	1	-6.0	3.3	1	68	214	10			
995	* 103		-0.6	1.7	1021	*	14										983	*	54		0.3	2.1							
EUROPE - BELGIUM																													
UCCLE																													
06447	JAN 1989	5048N	00421E	OB 2	07110	JAN 1989	4827N	00425W	OB 1	07481	JAN 1989	4544N	00505E	OB 2				030	23565	12	-63.7								
030	23551	9	-63.0		030	22170			050	20456	6	-61.1					030	20471	11	-61.1									
050	20409	7	-61.9		050	20456			100	16148	3	-60.1					100	16193	5	-58.9									
100	16111	2	-59.9		100	276	13		150	13598	1	-58.5					150	13629	4	-56.5									
150	13573	1	-59.3		150	275	10		200	11793	4	-63.0					200	11816	3	-60.5									
200	11786	1	-62.6		200	271	7		300	9241	1	-49.5					300	9249	3	-49.8									
300	9240	0	-49.0		300	29	277	7	500	5698	1	-22.7	14.3	2	25	91	3	500	5705	2	-22.2	14.5	4	22	32	3			
500	5677	0	-22.0	5.7	500	52	263	8	500	5681	3	-21.7	12.7	5	52	260	8	500	5691	1	-22.2	14.6							
700	3113	0	-4.5	6.1	700	60	252	7	700	3117	1	-4.2	14.6	3	63	250	7	700	3128	1	-4.1	16.3							
850	1564</																												

EUROPE-FRANCE

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
mb	gpm								mb	gpm								mb	gpm									
EUROPE - FRANCE NIMES/COURBESSAC																												
07645	JAN 1989	4352N	00424E	OB 1	07761	JAN 1989	4155N	00848E	OB 2	08001	JAN 1989	4322N	00825W	OB 3														
030	23606	13	-61.5						030	20005	10	-60.4						030	23612	20	-61.7							
050	20477	9	-60.9						050	16193	6	-59.3						050	20500	13	-60.4							
100	16174	6	-60.1						100	13625	3	-55.9						100	16181	10	-59.3							
150	13623	5	-56.8						150	11797	2	-57.6						150	13625	10	-56.6							
200	11808	5	-59.7						200	9219	1	-49.6						200	11811	10	-60.2							
300	9239	5	-49.7						300	5688	0	-23.2	11.5					300	9248	10	-50.0	14.5						
500	5703	4	-23.0	12.9					500	3131	0	-5.0	13.4					500	5709	10	-22.3	21.3						
700	3146	4	-4.7	14.6					700	1580	0	3.1	9.5					700	3146	10	-4.5	23.8						
850	1594	4	3.3	11.0					850	*	9	12.9	5.5					850	1594	10	3.2	13.7						
1025	*	62	4.8	3.1					1030	*	9							1023	*	67	9.8	4.4						
EUROPE - SPAIN MADRID/BARAJAS																												
08221	JAN 1989	4030N	00335W	OB 3	08430	JAN 1989	3800N	00110W	OB 3	08495	JAN 1989	3609N	00520W	OB 3														
030	23758	0	-58.7						030	23778	24	-57.9	31.8					030	23748	4	-58.0							
050	20558	0	-59.5						050	20568	9	-59.6	30.4					050	20552	1	-60.0							
100	16223	0	-58.9						100	16239	1	-58.9	29.6					100	16238	1	-59.1							
150	13659	0	-55.4						150	13669	1	-54.5	30.7					150	13571	0	-54.7							
200	11826	0	-57.4						200	11825	1	-55.0	26.2					200	11832	0	-55.2							
300	9240	0	-50.1	13.1					300	9230	1	-49.9	14.8					300	9234	0	-49.2							
500	5707	0	-22.2	17.7					500	5695	0	-22.4	17.4					500	5693	0	-22.3	13.8						
700	3146	0	-4.5	19.9					700	3134	0	-5.8	19.6					700	3132	0	-4.5	13.2						
850	1594	0	3.3	10.3					850	1585	0	3.0	10.2					850	1579	0	3.7	5.2						
956	*	633	5.1	5.5					1023	*	62	9.3	3.3					1029	*	4	14.1	4.0						
EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF																												
10384	JAN 1989	5229N	01325E	OB 2	11520	JAN 1989	5000N	01427E	OB 3	12330	JAN 1989	5225N	01650E	OB 3														
030	23456	1	-65.9						030	23470	12	-64.8						030	23623	29	-61.3							
050	20335	0	-63.2						050	20335	7	-62.8						050	20448	18	-60.4							
100	16050	0	-60.8						100	16060	1	-60.7	7.9					100	16095		-59.3							
150	13521	0	-60.4						150	13532	1	-60.5	7.6					150	13549		-59.3							
200	11743	0	-63.0	14.0					200	11758	0	-63.6	7.1					200	11767		-61.8							
300	9183	0	-49.7	12.3					300	9197	0	-49.9	7.9					300	9185		-48.5							
500	5642	0	-22.9	13.7					500	5658	0	-22.7	10.1					500	5629		-22.6	9.1						
700	3090	0	-6.4	16.2					700	3105	0	-6.0	11.9					700	3079		-6.5	11.1						
850	1548	0	0.7	9.6					850	1564	0	0.6	9.4					850	1541		-0.2	7.2						
1023	*	46	3.9	2.3					994	*	304	1.5	2.3					1018	*	92	2.3	1.8						
EUROPE - POLAND LEGIONOWO																												
12374	JAN 1989	5224N	02058E	OB 3	12425	JAN 1989	5108N	01659E	OB 1	12843	JAN 1989	4726N	01911E	OB 1														
030									030									030										
050	20349	-62.5			95	295	25		050									050										
100	16034	-56.7			93	300	19		100									100										
150	13473	-57.8			89	305	18		150	13547	-61.3							150										
200	11667	-60.6			78	315	20		200	11768	-62.7							200										
300	9104	-51.3			71	320	21		300	9194	-48.0							300										
500	5591	-24.5	10.1		77	315	17		500	5636	-21.8	9.3						500	5655	-22.0	8.8	0						
700	3054	-8.0	10.1		88	310	15		700	3079	-6.4	10.5						700	3097	0	-6.1	10.1	0					
850	1523	-1.3	6.5		89	305	12		850	1540	-0.5	6.0						850	1559	0	-0.7	7.4	0	65	319	5		
1015	*	96	2.4	2.1					1014	*	116	2.1	2.4					1015	*	139	-0.7	1.1						
EUROPE - ROMANIA CLUJ-NAPOCA																												
15120	JAN 1989	4647N	02334E	OB 1	40265	JAN 1989	3222N	03615E	OB 1	40582	JAN 1989	2913N	04759E	OB 3														
030									030	23679	23	-57.9						030	23691	7	-57.2							
050									050	20495	19	-62.4						050	20491	5	-63.3							
100	16038	-58.3	6.4		70	330	15		100	16250	13	-62.4						100	16334	4	-70.5							
150	13491	-59.0	5.4		60	340	13		150	13707	9	-55.8						150	13881	2	-61.7							
200	11698	-61.1	3.6		70	350	14		200	11853	8	-50.5						200	12059	0	-52.4							
300	9132	-49.7	7.6		70	345	13		300	9172</td																		

ASIA-OMAN

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps				
ASIA - OMAN SALALAH																														
41316	JAN 1989	1702N	05405E	OB 2					42647	JAN 1989	2304N	07238E	OB 3					43333	JAN 1989	1140N	09243E	OB 3								
030	23813	16	-55.6					030									030													
050	20619	10	-63.3					050									050													
100	16566	7	-79.8					100									100	16688	12	-76.9										
150	14217	5	-67.7					150	14250	10	-64.0					150	14316	7	-65.9											
200	12432	4	-54.2					200	12391	4	-51.5					200	12491	1	-51.0											
300	9697	4	-31.6	13.4	4	73	261	7	300	9633	2	-30.2				300	9711	0	-29.0											
500	5873	2	-4.9	17.7	2	63	252	5	500	5811	0	-6.3				500	5855	0	-4.4											
700	3145	2	10.4	19.3	2	39	43	2	700	3112	0	7.8				700	3131	0	9.4	17.7	0	71	108	4						
850	1514	2	14.3	11.6	2	56	44	3	850	1492	0	13.9	19.3	0	44	293	2	850	1497	0	17.2	5.9	0	87	76	5				
1011	*	22	28.3	18.8				1006	*	55	19.1	10.3				1001	*	79	24.9	3.6										
ASIA - JAPAN CHICHIJIMA																														
47971	JAN 1989	2705N	14211E	OB 2				47991	JAN 1989	2418N	15358E	OB 2				48407	JAN 1989	1515N	10452E	OB 1										
030	23804	7	-54.6					030	23799	4	-55.4					030														
050	20592	2	-62.6					050	20596	2	-63.5					050														
100	16510	0	-76.9					100	16560	0	-78.4					100	16578	13	-83.4											
150	14122	0	-64.8					150	14183	0	-65.5					150	14237	2	-68.3											
200	12315	0	-52.1					200	12379	0	-52.2					200	12446	0	-53.1											
300	9576	0	-32.4	16.2	0	98	268	43	300	9641	0	-32.5	15.6	0	98	281	24	300	9698	0	-31.2	16.5	0	58	295	3				
500	5802	0	-9.0	19.2	0	95	264	30	500	5852	0	-7.3	19.7	0	89	275	17	500	5874	0	-4.6	22.7	0	28	280	2				
700	3127	0	4.7	18.9	0	90	267	14	700	3156	0	7.4	20.4	0	65	268	7	700	3155	0	8.5	8.8	0	40	175	2				
850	1530	0	9.3	6.9	0	31	264	3	850	1540	0	12.6	7.8	0	6	79	1	850	1522	0	17.8	4.1	0	67	115	2				
1018	*	8	19.1	5.9				1017	*	9	21.8	4.8				999	*	127	19.4	2.6										
AFRICA - SUDAN KHARTOUM																														
62721	JAN 1989	1536N	03233E	OB				63021	JAN 1989	1517N	03855E	OB				63741	JAN 1989	0118S	03645E	OB 1										
030								030								030														
050								050								050														
100	16625	9	-77.3					100	16587	5	-80.4					100	16465	10	-81.5											
150	14250	5	-65.3					150	14233	5	-67.5					150	14126	4	-69.9											
200	12034	4	-52.1					200	12439	3	-54.2	16.1	4	71	315	10	200	12357	1	-54.9										
300	9702	4	-31.3	19.1	4	57	178	7	300	9713	3	-15.5	25.6	4	89	250	8	300	9634	1	-32.5	10.8								
500	5882	4	22.8	3	36	207	3	500	5887	3	-4.1	36.8	4	40	240	2	500	5840	1	-6.3	7.8									
700	3158	4	11.9	23.8	3	36	270	2	700	3155	3	11.1	17.3	4	67	355	4	700	3129	0	9.4	4.8								
850	1516	4	16.6	17.7	1	70	278	4	850	1520	0	18.7	8.3	0	43	60	3	850	1481	2	20.2	10.4	8	86	59	3				
1009	*	4	28.7	4.1	0	75	262	4	1011	*	8	26.9	6.1	0	76	94	10	870	*	1280	22.4	4.2								
AFRICA - SEYCHELLES SEYCHELLES INTL APIRAW. STN1																														
63985	JAN 1989	0441S	05532E	OB 2				65578	JAN 1989	0515N	00356W	OB 2				67666	JAN 1989	1525S	02819E	OB 2										
030	23667	0	-61.8					030								030														
050	20541	0	-68.0					050	20552	7	-65.2					050														
100	16524	0	-80.4					100	16559	0	-78.3					100	16750	6	-79.5											
150	14171	0	-67.4					150	14202	0	-68.4					150	14228	4	-68.3											
200	12383	0	-54.0					200	12422	0	-54.5					200	12437	3	-52.5											
300	9652	0	-32.4	11.6	0	79	106	5	300	9692	0	-31.9	11.7	0	5	280	6	300	9681	3	-30.1	12.6	6	90	84	5				
500	5845	0	-6.0	12.6	0	29	61	2	500	5871	0	-5.2	16.8	0	47	90	4	500	5845	3	-4.7	6.8	6	70	124	4				
700	3135	0	9.2	10.4	0	52	252	3	700	3259	0	8.9	10.3	0	49	90	5	700	3127	2	9.6	8.2	6	67	50	3				
850	1510	0	17.4	5.3	0	57	262	4	850	1520	0	18.7	8.3	0	43	60	3	850	1481	2	20.2	10.4	8	86	59	3				
1009	*	4	28.7	4.4	0	75	262	4	1011	*	8	26.9	6.1	0	76	94	10	1007	*	62	25.1	3.3								
N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN																														
78866	JAN 1989	1803N	06307W	OB 2				78897	JAN 1989	1616N	06131W	OB				78988	JAN 1989	1212N	06858W	OB 3										
030	23777	5	-53.3					030	23737	3	-54.7					0														

S AMER-COLOMBIA

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE mb	HEIGHT gpm.	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm.	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm.	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
S AMERICA - COLOMBIA BOGOTA/ELDORADO																												
80222 JAN 1989 0442N 07408W OB 2																												
030	23773	-56.8			89	94			030	23875	12	-57.5		9	78	98	9	030	23875	5	-56.1							
050	20594	-64.1			97	282	12		050	20700	8	-63.2		8	85	269	12	050	20673	13	-66.5							
100	16510	-81.9			63	84	8		100	16609	4	-79.9		4	13	225	1	100	16588	9	-78.3							
150	14170	-67.6			58	233	7		150	14243	3	-66.1		3	75	162	8	150	14205	9	-66.4							
200	12384	-54.0			74	220	9		200	12439	3	-52.4		3	86	156	10	200	12416	9	-54.2							
300	9656	-31.9	11.3		79	226			300	9684	3	-31.8	8.1	3	83	146	5	300	9690	9	-33.0	12.0						
500	5845	-6.0	10.4		41	103	2		500	5865	3	-6.0	4.4	3	38	93	2	500	5871	9	-6.1	15.5						
700	3139	7.6	1.8		89	112	4		700	3148	3	8.6	5.5	3	79	92	6	700	3158	9	8.9	9.6						
752	*2548	8.8	0.9						850	1510	3	17.1	3.4	3	87	76	6	850	1523	10	16.8	3.4						
									1002	*	84		24.6	2.9					1006	*	56		27.5	4.9				
S AMERICA - BRAZIL RECIFE (CURADO)																												
82900 JAN 1989 0803S 03455W OB																												
030									030									030										
050									050									050										
100									100									100										
150									150									150										
200									200	12409	16	-53.7		9	50	151	2	200	12417	4	-53.5							
300									300	9671	16	-30.9	9.4	9	22	117	1	300	9684	3	-32.5	9.4						
500	5857	14	-5.8						500	5859	16	-6.6	3.3	9	22	152	1	500	5873	3	-7.2	10.6						
700	3147	14	9.4						700	3145	16	9.2	2.8	9	69	6	4	700	3165	4	8.6	6.1						
850	1518	14	16.9						850	1506	16	17.8	3.8	9	83	346	5	850	1524	3	18.9	6.0						
1012	*	7	28.2		5.9				942	*	652	21	0.9	2.7				897	*	1061		21.4	6.0					
S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO)																												
83612 JAN 1989 2028S 05440W OB																												
030	23885	11	-53.0		9	91	95	16	030	23914	6	-53.1		8	97	96	18	030	23813	5	-54.6							
050	20673	7	-62.9		7	96	97	13	050	20689	3	-62.9		6	100	102	14	050										
100	16570	2	-77.0		3	56	184	4	100	16577	3	-75.8		6	53	159	5	100	16504	0	-76.9							
150	14180	2	-66.2		2	78	257	9	150	14188	3	-66.4		5	66	215	10	150	14127	0	-66.4							
200	12381	2	-53.0		2	79	264	11	200	12396	3	-54.5		4	56	226	10	200	12335	0	-53.8							
300	9634	2	-32.1	13.6	2	68	268	8	300	9675	3	-33.3	8.3	4	38	280	4	300	9610	0	-32.6	15.6						
500	5857	2	-6.8	9.3	2	50	295	4	500	5883	3	-7.3	10.6	4	69	327	6	500	5830	0	-7.4	9.4						
700	3149	2	8.6	6.0	2	79	347	6	700	3173	3	8.3	8.8	3	77	341	5	700	3124	0	9.4	4.9						
850	1510	2	18.4	5.9	2	93	352	7	850	1533	3	18.1	6.0	3	83	347	5	850	1486	0	17.5	3.5						
948	*	567	23.8	6.5					1008	*	6	26.6	6.0					877	*	1221		17.5	2.1					
S AMERICA - ARGENTINA RESISTENCIA AERO.																												
87155 JAN 1989 2727S 05903W OB 2																												
030	23935	4	-53.2		5	96	78	15	030									030										
050	20705	0	-62.1		1	89	71	34	050									050										
100	16569	0	-73.5		1	72	237	10	100	16498	1	-71.9		6	100	102	14	100	16514	5	-68.4							
150	14155	0	-64.8		1	79	261	16	150	14061	1	-62.0		1	92	262	24	150	14049	3	-61.2							
200	12348	0	-52.9		1	84	258	21	200	12253	1	-54.5		1	80	251	12	200	12233	1	-53.2							
300	9616	0	-33.6	15.6	0	72	243	11	300	9562	1	-36.8	14.6	6	81	251	12	300	9532	1	-36.8	17.5						
500	5836	0	-7.5	16.4	0	40	206	3	500	5816	1	-12.0	14.4	6	43	227	4	500	5802	1	-10.3	18.1						
700	3136	0	8.1	9.8	0	39	143	3	700	3131	1	7.8	10.8	3	10	63	1	700	3129	1	8.0	8.2						
850	1499	0	11.5	7.3	0	21	90	2	850	1495	1	18.3	10.3	3	38	17	3	850	1494	1	18.7	11.6						
1004	*	52	25.3	5.4					956	*	474		21.4	4.0				931	*	704		21.2	9.8					
S AMERICA - ARGENTINA EZEIZA AERO.																												
87576 JAN 1989 3449S 05832W OB 2																												
030	23941	8	-52.4		8	98	80	12	030	23996	4	-50.2		4	98	92	9	030	24036	6	-47.2							
050	20696	3	-59.4		3	49	85	4	050	20704	1	-55.7		1	48	90	27	050	20698	4	-52.5							
100	16472	1	-68.2		1	81	260	12	100	16420	0	-64.4		0	89	260	13	100	16280	2	-55.8							
150	14005	0	-61.3		0	90	265	19	150	13911	0	-58.9		0	92	262	24	150	13707	2	-54.7							
200	12198	0	-55.5		1	85	260	21	200	12092	0	-53.6		0	88	264	25	200	11861	1	-52.1							
300	9211	0	-37.8	13.3	0	86	265	16	300	*	0	-40.5	21.1	0	32	268	21	300	9216	0	-43.4	11.5						
500	5794	0	-10.7	18.1	0	68	245	7	500	5748	0	-12.8	22.2	0	86	268	14	500	5586	0	-17.3	13.8						
700	3122	0	6.3	14.5	0	52	230	4	700	3094	0	5.7		1	82	261	9	700	2921	0	-1.5	14.4	1	87	257	13		
850	1499	0	16.8	11.5	0	35	270	3	850	1484	0	14.4	18.1	0	54	246	5	850	1415	0	7.3	13.0	1	82				

ANTARCTICA-ARGENTINA

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
ANTARCTICA - ARGENTINA CENTRO MET. ANTARTICO "VICE-C 89055 JAN 1989 6414S 05643W 0B 2																										
030	24105	4	-40.0		3	94	90	6	030	23825	12	-55.3		9	98	90	18	030	23732	12	-58.2					
050	20654	4	-43.2		3	45	5	3	050	20653	6	-66.7		6	99	89	13	050	20569	3	-64.9					
100	15987	2	-44.9		2	78	270	5	100	16628	21	-78.2		2	47	258	4	100	16516	1	-84.4					
150	13280	2	-44.8		2	73	265	6	150	14246	0	-64.5		1	86	272	13	150	14199	1	-69.8	8.4				
200	11357	2	-44.8		2	73	265	7	200	12432	0	-50.9		0	83	281	14	200	12418	1	-54.3	9.9				
300	8691	1	-50.7	16.0	1	51	220	15	300	9668	0	-29.7	11.7	0	84	290	12	300	9685	0	-31.3	12.2				
500	5211	1	-28.1	12.5	1	55	225	11	500	5833	0	-4.5	10.7	0	74	299	7	500	5855	0	-5.3	12.3				
700	2721	1	-13.6	12.0	1	62	215	8	700	3109	0	9.5	6.7	0	63	318	5	700	3131	0	10.5	10.1	9	43	100	4
850	1225	1	-6.5	8.7	1	70	210	8	850	1472	0	17.1	2.9	0	31	4	2	850	1488	0	17.5	4.2	6	92	83	17
968	* 198		-2.3						999	*	72		26.8	3.6					1008	*	4		29.8	6.0		
SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 91643 JAN 1989 0831S 17913E 0B																										
030	23764	7	-57.9		9	98	83	29	030	23756	19	-57.2						030	23868	9	-52.7					
050	20595	3	-65.1		9	30	112	3	050	20591	19	-66.8						050	20650	7	-63.3					
100	16544	1	-81.3		8	62	140	11	100	16588	18	-82.7						100	16523	2	-72.9					
150	14202	0	-68.4		3	79	174	23	150	14239	18	-66.8	12.8					150	14123	2	-68.0					
200	12421	0	-54.3	10.0	3	78	177	23	200	12439	18	-52.5	12.3					200	12354	2	-56.5					
300	9673	0	-31.1	10.0	3	71	176	12	300	9687	18	-30.7	14.1					300	9645	1	-33.6	10.4	1	68	291	14
500	5856	0	-5.5	6.0	5	16	205	2	500	5856	18	-4.8	12.8					500	5857	1	-7.9	6.8	0	72	324	10
700	3130	0	9.2	5.4	3	7	314	1	700	3128	17	10.0	6.6	9	31	27	3	700	3157	0	8.1	6.6	0	55	1	7
850	1492	0	-17.5	2.7	3	31	33	5	850	1488	17	17.7	5.1	7	46	33	4	850	1523	0	17.1	3.9	0	64	39	8
1008	*	2	28.6	4.4					1006	*	18		29.9	6.5				1012	*	7	28.0	3.5				
SW PACIFIC - NEW ZEALAND KAITAIA 93012 JAN 1989 3508S 17316E 0B																										
030	24019	10	-50.0		9	99	86	23	030	24156	5	-46.8		1	96	86	15	030	24155	3	-40.7	33.5	4	96	88	12
050	20746	8	-59.2		9	99	86	15	050	20820	31	-52.9		0	63	71	5	050	20804	0	-48.1	30.4	2	27	'68	2
100	16510	3	-68.3		6	82	281	20	100	16409	1	-57.4		0	80	288	16	100	16327	0	-54.6	29.9	1	85	272	21
150	14042	1	-61.0		5	88	279	43	150	13835	0	-54.6		0	80	281	25	150	13723	0	-53.1	29.1	0	88	273	31
200	12221	1	-52.9		5	88	287	53	200	11986	0	-53.5		0	67	284	26	200	11868	0	-53.9	20.5	0	83	272	36
300	9514	1	-36.3	11.5	4	81	296	4	300	9329	0	-42.4		0	60	281	21	300	9232	0	-44.0	10.7	1	69	262	34
500	5769	1	-9.7	15.7	3	69	314	17	500	5675	0	-15.9	12.3	0	53	281	13	500	5600	0	-16.8	13.8	0	78	265	31
700	3091	0	5.2	14.8	3	51	334	10	700	3056	0	-10.1	9.0	1	56	282	12	700	2993	0	-1.3	12.3	0	79	266	25
850	1483	0	-11.3	3.1	4	39	19	8	850	1472	0	8.9	6.9	0	47	284	8	850	1425	0	4.7	7.6	0	74	267	18
1002	*	87	20.9	3.6					1013	*	1	16.3	4.2					1009	*	19		12.2	2.8			
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 JAN 1989 4357S 17634W 0B																										
030	24110	9	-44.4	29.6	7	98	91	17																		
050	21196	8	-51.2	30.2	6	75	103	8																		
100	16428	1	-61.3	27.2	5	85	262	20																		
150	13898	1	-57.5	25.4	5	84	267	31																		
200	12071	1	-55.9	16.2	5	76	266	37																		
300	9417	0	-40.3	12.0	4	71	273	30																		
500	5728	0	-13.2	17.6	4	69	271	17																		
700	3086	0	2.4	17.1	3	55	272	12																		
850	1497	0	8.1	7.6	3	42	282	9																		
1011	*	48	17.7	4.1																						

ASIA-INDIA

UPPER AIR CORRECTIONS

ASIA--INDIA

UPPER AIR CORRECTIONS

LEVEL		TEMPERATURE		VECTOR WIND		LEVEL		TEMPERATURE		VECTOR WIND		LEVEL		TEMPERATURE		VECTOR WIND				
PRESSURE mb	HEIGHT gpm	MISSING DAYS MEAN °C	MISSING DAYS DEW POINT DEPRESSION °C	MISSING DAYS STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS MEAN °C	MISSING DAYS DEW POINT DEPRESSION °C	MISSING DAYS STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS MEAN °C	MISSING DAYS DEW POINT DEPRESSION °C	MISSING DAYS STEADINESS %	DIRECTION °	SPEED mps
ASIA - INDIA																				
43371	DEC 1987	0829N	07657E	OB			42027	JAN 1988	3405N	07450E	OB			42182	JAN 1988	2835N	07712E	OB		
030	23982						030							030						
050	20722						050							050						
100	16669						100							100						
150							150							150						
200	12523	0		D			200			D				200						
300				10.3			300			D				300						
500				10.8			500			D				500						
700							700			D				700						
850	*	64					850			D				850						
ASIA - INDIA																				
42339	JAN 1988	2618N	07301E	OB			42410	JAN 1988	2606N	09135E	OB			42647	JAN 1988	2304N	07238E	OB	3	
030							030							030						
050							050							050						
100							100							100						
150							150							150						
200							200							200						
300							300							300						
500							500							500						
700							700							700						
850	*	224					850							850						
ASIA - INDIA																				
42809	JAN 1988	2239N	08827E	OB			42867	JAN 1988	2106N	07903E	OB			42971	JAN 1988	2015N	08550E	OB		
030							030							030						
050							050							050						
100							100							100						
150							150							150						
200							200							200						
300							300							300						
500							500							500						
700							700							700						
850	*	6					850							850						
ASIA - INDIA																				
43003	JAN 1988	1907N	07251E	OB			43128	JAN 1988	1727N	07828E	OB			43150	JAN 1988	1742N	08318E	OB		
030							030							030						
050							050							050						
100							100							100						
150							150							150						
200							200							200						
300							300							300						
500							500							500						
700							700							700						
850	*	14					850							850						
ASIA - INDIA																				
43192	JAN 1988	1529N	07349E	OB			43279	JAN 1988	1300N	08011E	OB			43285	JAN 1988	1257N	07450E	OB		
030							030							030						
050							050							050						
100							100							100						
150							150							150						
200							200							200						
300							300							300						
500							500							500						
700							700							700						
850	*	60					850							850						

ASIA-INDIA

UPPER AIR CORRECTIONS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS °C	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS °C	MEAN °C	DEW POINT °C	MISSING DAYS %	STEADINESS °	DIRECTION °	SPEED mps	
ASIA - INDIA PORT BLAIR	43333 JAN 1988 1140N 09243E 0B	030							ASIA - INDIA COCHIN/WILLINGDON	43353 JAN 1988 0957N 07616E 0B	030							ASIA - INDIA TRIVANDRUM	43371 JAN 1988 0829N 07657E 0B	030							
		050								050								050	20758								
		100								100								100									
		150								150								150									
		200								200								200									
		300								300								300									
		500								500								500									
		700								700								700									
		850								850								850									
		1002	*	79						*	3								*	64							
EUROPE - DENMARK (GREENLAND) DANMARKSHAVN																											
		030								030								030									
		050								050								050	20758								
		100								100								100									
		150								150								150									
		200								200								200									
		300								300								300									
		500								500								500									
		700								700								700									
		850								850								850									
		*	14																								

STATION LIST RECENT DATA

47409	C	ABASHIRI	JAPAN	84752	C	AREQUIPA	PERU
03091	C	ABERDEEN/DYCE	U KINGDOM	22550	CT	ARHANGEL'SK	USSR
41112	C	ABHA	SAUDI ARABIA	85406	C	ARICA	CHILE
65578	CT	ABIDJAN	COTE D'IVOIRE	86330	C	ARTIGAS	URUGUAY
72266	C	ABILENE, TX.	USA	47407	C	ASAHIKAWA	JAPAN
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	38880	CT	ASHABAD	USSR
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	72315	C	ASHEVILLE/REG., NC	USA
62640	C	ABU HAMED	SUDAN	63021	CT	ASMARA	ETHIOPIA
62795	C	ABU NA'AHA	SUDAN	72791	C	ASTORIA/CLATSOP, OR.	USA
76805	C	ACAPULCO, GRO.	MEXICO	34880	C	ASTRAHAN'	USSR
80427	C	ACARIGUA	VENEZUELA	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
17352	CT	ADANA	TURKEY	65376	C	ATAKPAME	TOGO
63450	CT	ADDIS ABABA	ETHIOPIA	61421	C	ATAR	MAURITANIA
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	62680	C	ATBARA	SUDAN
41467	C	ADEN KHORMAKSAR	DEM YEMEN	72219	C	ATLANTA/MUN., GA.	USA
60520	C	ADRAR	ALGERIA	72407	C	ATLANTIC CITY, NJ.	USA
76644	C	AEROP. INTL MERIDA, YUC.	MEXICO	91925	CT	ATUONA	FRENCH POLY.
87582	C	AEROPARQUE	ARGENTINA	93119	C	AUCKLAND AIRPORT	N ZEALAND
17190	C	AFYON	TURKEY	03322	T	AUGHTON	U KINGDOM
61024	C	AGADEZ	NIGER	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
60250	C	AGADIR	MOROCO	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
61974	C	AGALEGA	MAURITIUS	84673	C	AYACUCHO	PERU
42261	C	AGRA	INDIA	87642	C	AZUL AERO	ARGENTINA
42647	CT	AHMADABAD	INDIA	08329	C	BADAJOZ	SPAIN
60560	C	AIN SEFRA	ALGERIA	83980	C	BAGE	BRAZIL
61499	C	AIOUN EL ATROUSS	MAURITANIA	71727	C	BAGOTVILLE, QUE.	CANADA
07761	CT	AJACCIO	FRANCE	98328	C	BAGUIO	PHILIPPINES
31168	C	AJAN	USSR	87750	C	BAHIA BLanca AERO	ARGENTINA
47582	CT	AKITA	JAPAN	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
61437	C	AKJOUJT	MAURITANIA	71926	CT	BAKER LAKE, N.W.T.	CANADA
42933	C	AKOLA	INDIA	35796	C	BALHAS	USSR
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	72406	C	BALTIMORE/B-WASHINGTON, MD.	USA
04063	C	AKUREYRI	ICELAND	61291	CT	BAMAKO/SENOU	MALI
48062	C	AKYAB	BURMA	64660	C	BAMBARI	CENTRAL AFRICAN REP
40420	C	AL AHSA	SAUDI ARABIA	43295	C	BANGALORE	INDIA
41055	C	AL BAH	SAUDI ARABIA	64656	C	BANGASSOU	CENTRAL AFRICAN REP
40361	C	AL-JOUF	SAUDI ARABIA	48455	CT	BANGKOK	THAILAND
94802	CT	ALBANY AIRPORT	AUSTRALIA	64650	CT	BANGUI	CENTRAL AFRICAN REP
72518	C	ALBANY/ALBANY CO., NY.	USA	61701	C	BANJUL/YUNDUM	GAMBIA
06030	C	ALBORG	DENMARK & FAROE IS.	82784	C	BARBALHA	BRAZIL
72365	C	ALBUQUERQUE/INTL, NM.	USA	80419	C	BARCELONA	VENEZUELA
31004	CT	ALDAN	USSR	08181	C	BARCELONA/AEROPUERTO	SPAIN
71082	CT	ALERT, N.W.T.	CANADA	87765	C	BARILOCHE AERO	ARGENTINA
16520	C	ALGHERO	ITALY	29838	C	BARNAUL	USSR
08359	C	ALICANTE	SPAIN	80410	C	BARQUISIMETO	VENEZUELA
94326	CT	ALICE SPRINGS AIRPORT	AUSTRALIA	82571	C	BARRA DO CORDA	BRAZIL
64662	C	ALINDAO	CENTRAL AFRICAN REP	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
42475	C	ALLAHABAD/BAMHRAULI	INDIA	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	83236	C	BARREIRAS	BRAZIL
36870	CT	ALMA-ATA	USSR	70026	CT	BARROW/W. POST W. ROGERS, AK.	USA
08487	C	ALMERIA/AEROPUERTO	SPAIN	70086	C	BARTER ISLAND, AK.	USA
44277	C	ALTAI	MONGOLIA	98135	C	BASCO	PHILIPPINES
51076	C	ALTAY	CHINA	89057	C	BASE ARTURO PRAT	CHILE
40270	C	AMMAN AIRPORT	JORDAN	89059	C	BASE BERNARDO O'HIGGINS	CHILE
42071	C	AMRITSAR	INDIA	64931	C	BATOURI	REP CAMEROON
25563	CT	ANADYR'	USSR	91557	C	BAUERFIELD (EFATE)	VANUATU
70273	CT	ANCHORAGE/INTL, AK.	USA	60571	CT	BECHAR	ALGERIA
91568	C	ANEITYUM	VANUATU	72412	C	BECKLEY(RALEIGH CTY. MUN), VA.	USA
04360	CT	ANGMAGSSALIK	DENMARK	54511	CT	BEIJING	CHINA
17130	CT	ANKARA/CENTRAL	TURKEY	67297	C	BEIRA	MOZAMBIQUE
60360	C	ANNABA	ALGERIA	60402	C	BEJAIA	ALGERIA
70398	C	ANNETTE ISLAND, AK.	USA	82191	C	BELEM	BRAZIL
84542	C	ANTA (HUARAZ)	PERU	82193	T	BELEM (AEROPORTO)	BRAZIL
67025	C	ANTALAH	MADAGASCAR	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
17300	C	ANTALYA	TURKEY	43198	C	BELGAUM/SAMBRA	INDIA
67083	C	ANTANANARIVO/IVATO	MADAGASCAR	78583	C	BELIZE/INTL AIRPORT	BELIZE
85442	C	ANTOFAGASTA	CHILE	03976	C	BELMULLET	IRELAND
98232	C	APARRI	PHILIPPINES	83587	C	BELO HORIZONTE	BRAZIL
80084	C	APARTADO	COLOMBIA	82246	C	BELTERRA	BRAZIL
91762	C	APIA	SAMOA	40180	C	BEN-GURION INTL AIRPORT	ISRAEL
83096	C	ARACAJU	BRAZIL	60518	C	BENI-SAF	ALGERIA
48462	C	ARANYAPRATHET	THAILAND	82410	C	BENJAMIN CONSTANT	BRAZIL
40357	C	ARAR	SAUDI ARABIA	13274	C	BEOGRAD	YUGOSLAVIA
80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA	64600	C	BERBERATI	CENTRAL AFRICAN REP
83579	C	ARAXA	BRAZIL	01317	C	BERGEN/FLORIDA	NORWAY
44288	C	ARBAIHER	MONGOLIA	10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP

STATION LIST RECENT DATA

78016	T	BERMUDA NAS KINDELY	USA	15655	C	BURGAS	BULGARIA
40179	T	BET DAGAN	ISRAEL	72617	C	BURLINGTON/INTL, VT.	USA
70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA	17116	C	BURSA	TURKEY
68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA	16560	CT	CAGLIARI/ELMAS	ITALY
42971	CT	BHUBANESWAR	INDIA	94287	C	CAIRNS AIRPORT	AUSTRALIA
12295	C	BIALYSTOK	POLAND	84472	C	CAJAMARCA	PERU
71848	C	BIG TROUT LAKE, ONT.	CANADA	42807	C	CALCUTTA/ALIPORE	INDIA
42165	C	BIKANER	INDIA	42809	T	CALCUTTA/DUM DUM	INDIA
72677	C	BILLINGS/LOGAN INTL, MT.	USA	80259	C	CALI/PALMASECA	COLOMBIA
61017	C	BILMA	NIGER	71925	C	CAMBRIDGE BAY, N.W.T.	CANADA
72515	C	BINGHAMTON/BROOME CO., NY.	USA	85315	C	CAMIRI	BOLIVIA
96441	CT	BINTULU	MALAYSIA	93944	CT	CAMPBELL ISLAND	N ZEALAND
61401	C	BIR MOGHREIN	MAURITANIA	83611	C	CAMPO GRANDE	BRAZIL
64658	C	BIRAO	CENTRAL AFRICAN REP	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	83698	C	CAMPOS	BRAZIL
61075	C	BIRNI-N'KONNI	NIGER	17112	C	CANAKKALE	TURKEY
60525	C	BISKRA	ALGERIA	84226	C	CANAR	ECUADOR
72764	CT	BISMARCK/MUN., ND.	USA	94926	C	CANBERRA AIRPORT	AUSTRALIA
61766	C	BISSAU (AEROPORT)	GUINEA-BISSAU	72304	C	CAPE HATTERAS, NC.	USA
15085	C	BISTRITA	ROMANIA	68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA
64510	C	BITAM	GABON	80416	C	CARACAS/LA CARLOTA	VENEZUELA
01028	CT	BJORNOYA	NORWAY	80415	C	CARACAS/MAIQUETIA AEROP.INTL	VENEZUELA
31510	CT	BLAGOVESCENSK	USSR	83592	C	CARATINGA	BRAZIL
68442	C	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	83498	C	CARAVELAS	BRAZIL
74492	C	BLUE HILL OBS., MA.	USA	03715	C	CARDIFF-WALES AIRPORT	U KINGDOM
65510	C	BOBO-DIOULASSO	BURKINA FASO	38687	C	CARDZOU	USSR
01152	T	BODO	NORWAY	72712	C	CARIBOU/MUN., ME.	USA
01152	C	BODO VI	NORWAY	94300	C	CARNARVON AIRPORT	AUSTRALIA
30554	C	BOGDARIN	USSR	86580	C	CARRASCO	URUGUAY
80222	CT	BOGOTA/ELDORADO	COLOMBIA	80022	C	CARTAGENA/CRESPO	COLOMBIA
41883	C	BOGRA	BANGLADESH	78325	C	CASA BLANCA/HABANA	CUBA
29282	C	BOGUCANY	USSR	60155	CT	CASABLANCA	MOROCCO
65338	C	BOHICON	BENIN	89611	T	CASEY	AUSTRALIA
72681	C	BOISE/MUN., ID.	USA	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
61769	C	BOLAMA	GUINEA-BISSAU	78714	C	CATACAMAS	HONDURAS
83288	C	BOM JESUS DA LAPA	BRAZIL	87222	C	CATAMARCA AERO.	ARGENTINA
43057	C	BOMBAY/COLABA	INDIA	83676	C	CATANDUVA	BRAZIL
43003	T	BOMBAY/SANTACRUZ	INDIA	87763	C	CATEDRAL 2000	ARGENTINA
31253	C	BOMNAK	USSR	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
65545	C	BONDOKOU	COTE D'IVOIRE	94653	C	CEDUNA AIRPORT	AUSTRALIA
61866	C	BONTHE	SIERRA LEONE	89056	C	CENTRO MET.ANTARTICO"PDTE.	CHILE
23884	C	BOR	USSR	89055	CT	CENTRO MET.ANTARTICO"VICEC.	ARGENTINA
91930	C	BORA-BORA	FRENCH POLY.	87257	C	CERES	ARGENTINA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	84444	C	CHACHAPOYAS	PERU
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	40942	C	CHAKHCHARAN	AFGHANISTAN
65516	C	BOROMO	BURKINA FASO	87320	C	CHAMICAL AERO	ARGENTINA
64610	C	BOSSANGOA	CENTRAL AFRICAN REP	48480	C	CHANTHABURI	THAILAND
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	85230	C	CHARANA	BOLIVIA
72509	C	BOSTON/LOGAN INTL, MA.	USA	72414	C	CHARLESTON/KANAWHA, WV.	USA
60515	C	BOU-SAADA	ALGERIA	72208	C	CHARLESTON/MUN., SC.	USA
65555	C	BOUAKE	COTE D'IVOIRE	94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA
64601	C	BOUAR	CENTRAL AFRICAN REP	99030	CT	CHARLIE	OCEAN WEATHER STATIO
61296	C	BOUGOUNI	MALI	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
07255	C	BOURGES	FRANCE	93986	CT	CHATHAM ISLAND	N ZEALAND
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	71717	C	CHATHAM, N.B.	CANADA
61461	C	BOUTILIMIT	MAURITANIA	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
83377	C	BRASILIA (AEROPORTO)	BRAZIL	11406	C	CHEB	CZECHOSLOVAKIA
83378	T	BRASILIA (AEROPORTO)	BRAZIL	56294	C	CHENGDU	CHINA
30309	C	BRATSK	USSR	87322	C	CHEPES	ARGENTINA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	07024	C	CHERBOURG	FRANCE
07110	CT	BREST/GUIPAVAS	FRANCE	42515	C	CHERRAPUNJI	INDIA
64655	C	BRIA	CENTRAL AFRICAN REP	76750	C	CHETUMAL, Q.ROO	MEXICO
16320	CT	BRINDISI	ITALY	72564	C	CHEYENNE, WY.	USA
94578	CT	BRISBANE AIRPORT	AUSTRALIA	41768	C	CHHOR	PAKISTAN
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	48327	CT	CHIANG MAI	THAILAND
94203	CT	BROOME AIRPORT	AUSTRALIA	72530	C	CHICAGO/O'HARE, IL.	USA
72250	CT	BROWNSVILLE/INTL, TX.	USA	47971	CT	CHICHIJIMA	JAPAN
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	84452	C	CHICLAYO	PERU
15420	T	BUCURESTI/IMH	ROMANIA	84531	C	CHIMBOTE	PERU
12843	CT	BUDAPEST/LORINC	HUNGARY	41978	C	CHITTAGONG (PATenga)	BANGLADESH
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	60425	C	CHLEF	ALGERIA
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	44259	C	CHOIBALSAN	MONGOLIA
87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA	78724	C	CHOLUTECA	HONDURAS
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	47648	C	CHOSHI	JAPAN
67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	93780	C	CHRISTCHURCH AIRPORT	N ZEALAND
44239	C	BULGAN	MONGOLIA	48517	C	CHUMPHON	THAILAND

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47014	C	CHUNGGANG	DPR KOREA	72537	C	DETROIT/METROPOLITAN, MI.	USA
71913	C	CHURCHILL, MAN.	CANADA	40416	CT	DAHHRAN	SAUDI ARABIA
38262	C	CIMBAJ	USSR	41923	C	DHAKA	BANGLADESH
72421	C	CINCINNATI/GREATER CIN., OH.	USA	42314	C	DIBRUGARH/MOHANBARI	INDIA
30758	CT	CITA	USSR	61967	T	DIEGO GARCIA	USA
80444	C	CIUDAD BOLIVAR	VENEZUELA	67009	C	DIEGO-SUAREZ	MADAGASCAR
15120	CT	CLUJ-NAPOCA	ROMANIA	07280	C	DIJON	FRANCE
71090	C	CLYDE, N.W.T.	CANADA	65562	C	DIMBOKRO	COTE D'IVOIRE
82425	C	COARI	BRAZIL	61666	C	DIOURBEL	SENEGAL
76741	C	COATZACOALCOS, VER.	MEXICO	63471	C	DIRE DAWA	ETHIOPIA
94711	CT	COBAR	AUSTRALIA	17280	CT	DIYARBAKIR	TURKEY
85041	C	COBIJA	BOLIVIA	64453	C	DJAMBALA	CONGO
85223	C	COCHABAMBA	BOLIVIA	60670	C	DJANET	ALGERIA
43353	T	COCHIN/WILLINGDON	INDIA	60535	C	DJELFA	ALGERIA
96996	CT	COCOS ISLAND AIRPORT	ISLANDS	63125	C	DJIBOUTI	DJIBOUTI
94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA	72451	C	DODGE CITY/MUN., KS.	USA
21946	C	COEURDAH	USSR	63862	C	DODOMA	U REP TANZANIA
70316	CT	COLD BAY, AK.	USA	41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR
43466	C	COLOMBO	SRI LANKA	87648	C	DOLORES AERO	ARGENTINA
86560	C	COLONIA	URUGUAY	62650	C	DONGOLA	SUDAN
76458	C	COLONIA JUAN CARRASCO MAZ.	MEXICO	65501	C	DORI	BURKINA FASO
72310	C	COLUMBIA, SC.	USA	64910	C	DOUALA OBS.	REP CAMEROON
72445	C	COLUMBIA/REGIONAL, MO.	USA	09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP
72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA	03969	C	DUBLIN AIRPORT	IRELAND
87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA	52836	C	DULAN	CHINA
82861	C	CONCEICAO DO ARAGUAIA	BRAZIL	72745	C	DULUTH/INTL, MN.	USA
85196	C	CONCEPCION	BOLIVIA	42599	C	DUMKA	INDIA
86134	C	CONCEPCION	PARAGUAY	68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA
72605	C	CONCORD/MUN., NH.	USA	42731	C	DWARKA	INDIA
87395	C	CONCORDIA AERO	ARGENTINA	67005	C	DZAOUZI/PAMANZI (MAYOTTE)	COMOROS
72458	C	CONCORDIA/BLOSSER MUN., KS.	USA	24143	C	DZARDZAN	USSR
15480	T	CONSTANTA	ROMANIA	68858	C	EAST LONDON	SOUTH AFRICA
60419	C	CONSTANTINE	ALGERIA	94907	C	EAST SALE AERODROME	AUSTRALIA
71938	C	COPPERMINE, N.W.T.	CANADA	03160	C	EDINBURGH AIRPORT	U KINGDOM
71915	C	CORAL HARBOUR, N.W.T.	CANADA	17050	C	EDIRNE	TURKEY
87344	CT	CORDOBA AERO	ARGENTINA	71879	C	EDMONTON MUNICIPAL, ALTA.	CANADA
03955	C	CORK AIRPORT	IRELAND	71119	T	EDMONTON/STONY PLAIN, ALTA.	CANADA
80403	C	CORO	VENEZUELA	04220	CT	EGEDESMINDE	DENMARK
72251	C	CORPUS CHRISTI/INTL, TX.	USA	40199	C	EILAT	ISRAEL
87166	C	CORRIENTES AERO.	ARGENTINA	60590	C	EL GOLEA	ALGERIA
83552	C	CORUMBA	BRAZIL	60540	C	EL KHEITER	ALGERIA
65344	C	COTONOU	BENIN	62771	C	EL OBEID	SUDAN
41992	C	COX'S BAZAR	BANGLADESH	60559	C	EL OUED	ALGERIA
83512	C	COXIM	BRAZIL	72270	C	EL PASO/INTL, TX.	USA
82583	C	CRATEUS	BRAZIL	84179	C	EL PUYO	ECUADOR
03774	T	CRAWLEY	U KINGDOM	60367	C	EL-KALA	ALGERIA
82704	C	CRUZEIRO DO SUL	BRAZIL	60550	C	ELBAYADH	ALGERIA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	12160	C	ELBLAG	POLAND
83361	C	CUIABA	BRAZIL	63686	C	ELDORET	KENYA
80420	C	CUMANA	VENEZUELA	72486	C	ELY/YELLAND, NV.	USA
83842	C	CURITIBA	BRAZIL	10203	C	EMDEN-HAFEN	GERMANY, FED REP
83840	T	CURITIBA (AEROPORTO)	BRAZIL	62781	C	EN NAHUD	SUDAN
84686	C	CUZCO	PERU	86297	C	ENCARNACION	PARAGUAY
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	29263	C	ENISEJSK	USSR
98325	C	DAGUPAN	PHILIPPINES	24817	C	ERBOGACEN	USSR
61641	CT	DAKAR/YOFF	SENEGAL	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
41712	C	DAL BANDIN	PAKISTAN	17092	C	ERZINCAN	TURKEY
44373	C	DALANZADGAD	MONGOLIA	03162	C	ESKDALEMUIR	U KINGDOM
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	94638	CT	ESPERANCE	AUSTRALIA
65560	C	DALOA	COTE D'IVOIRE	88963	C	ESPERANZA B.E.	ARGENTINA
42587	C	DALTONGANJ	INDIA	87803	C	ESQUEL AERO	ARGENTINA
62805	C	DAMAZINE	SUDAN	24105	C	ESSEJ	USSR
04320	CT	DANMARKSHAVN	DENMARK	10410	CT	ESSEN	GERMANY, FED REP
65351	C	DAPAON	TOGO	72594	C	EUREKA, CA.	USA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	71917	CT	EUREKA, N.W.T.	CANADA
60390	CT	DAR-EL-BEIDA	ALGERIA	72432	C	EVANSVILLE/REG., IN.	USA
42391	C	DARBHANGA	INDIA	87576	CT	EZEIZA AERO	ARGENTINA
61891	C	DARU	SIERRA LEONE	65507	C	FADA N'GOURMA	BURKINA FASO
94120	CT	DARWIN AIRPORT	AUSTRALIA	70261	C	FAIRBANKS/INTL, AK.	USA
89571	CT	DAVIS	AUSTRALIA	16191	C	FALCONARA	ITALY
72429	C	DAYTON/JAMES M. COX DAY., OH.	USA	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM
06260	CT	DE BILT	NETHERLANDS	72753	C	FARGO/HECTOR FIELD, ND.	USA
12882	C	DEBRECEN	HUNGARY	82400	T	FERNANDO DE NORONHA	BRAZIL
72469	C	DENVER/STAPLETON INTL, CO.	USA	11155	C	FEUERKOGEL	AUSTRIA
41624	C	DERA ISMAIL KHAN	PAKISTAN	09578	C	FICHTELBERG	GERMAN DEM REP
72546	C	DES MOINES/MUN., IA.	USA	72637	C	FLINT/BISHOP, MI.	USA

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82678	C	FLORIANO	BRAZIL	80423	C	GUIRIA	VENEZUELA
83897	C	FLORIANOPOLIS	BRAZIL	02128	C	GUNNARN	SWEDEN
82212	C	FONTE BOA	BRAZIL	35700	CT	GUR'EV	USSR
87162	C	FORMOSA AERO	ARGENTINA	40360	C	GURIAT	SAUDI ARABIA
94646	CT	FORREST AIRPORT	AUSTRALIA	40250	C	H-4 'IRWAISHED'	JORDAN
71945	C	FORT NELSON, B.C.	CANADA	31735	CT	HABAROVSK	USSR
38001	C	FORT SEVCENKO	USSR	47678	C	HACHIJOGIMA	JAPAN
71934	C	FORT SMITH, N.W.T.	CANADA	47678	T	HACHIJOGIMA/OMURE	JAPAN
72344	C	FORT SMITH/MUN., AR.	USA	47069	C	HAEJU	DPR KOREA
72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA	40373	C	HAFR AL-BATIN	SAUDI ARABIA
82397	C	FORTALEZA	BRAZIL	59758	C	HAIKOU	CHINA
72389	C	FRESNO/AIR TERM., CA.	USA	40394	CT	HAIL	SAUDI ARABIA
71909	CT	FROBISHER BAY, N.W.T.	CANADA	50527	T	HAILAR	CHINA
47807	CT	FUKUOKA	JAPAN	71081	C	HALL BEACH, N.W.T.	CANADA
91643	CT	FUNAFUTI	N ZEALAND	89022	CT	HALLEY	U KINGDOM
08522	CT	FUNCHAL	MADEIRA	94212	C	HALLS CREEK AIRPORT	AUSTRALIA
60765	C	GABES	TUNISIA	43497	C	HAMBANTOTA	SRI LANKA
60745	C	GAFSA	TUNISIA	10147	C	HAMBURG-FUHLSBUETTEL	GERMANY, FED REP
65557	C	GAGNOA	COTE D'IVOIRE	52203	C	HAMI	CHINA
83746	T	GALEAO	BRAZIL	10338	CT	HANNOVER	GERMANY, FED REP
72242	C	GALVESTON, TX.	USA	23933	CT	HANTY-MANSIJSK	USSR
64454	C	GAMBOMA	CONGO	91944	CT	HAO	FRENCH POLY.
71803	C	GANDER INTL AIRPORT, NFLD.	CANADA	02196	C	HAPARANDA	SWEDEN
57993	C	GANGZHOU	CHINA	34300	CT	HARI'KOV	USSR
61226	C	GAO	MALI	67775	C	HARARE (KUTSAGA)	ZIMBABWE
65522	C	GAOUA	BURKINA FASO	02361	C	HARNOSAND	SWEDEN
63723	C	GARISSA	KENYA	72508	C	HARTFORD/BRADLEY INTL, CT.	USA
64860	C	GAROUA	REP CAMEROON	60581	C	HASSI-MESSAOUD	ALGERIA
40405	C	GASSIM	SAUDI ARABIA	20891	CT	HATANGA	USSR
42410	CT	GAUHATI	INDIA	78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE
80241	CT	GAVIOTAS	COLOMBIA	72772	C	HELENA/COUNTY-CITY, MT.	USA
61099	C	GAYA	NIGER	02974	C	HELSINKI-VANTAA	FINLAND
62752	C	GEDAREF	SUDAN	91945	C	HEREHERETUE	FRENCH POLY.
10628	C	GEISENHEIM	GERMANY, FED REP	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
89034	C	GENERAL BELGRANO II B.E.	ARGENTINA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
87532	C	GENERAL PICO AERO	ARGENTINA	47765	C	HIROSHIMA	JAPAN
89066	C	GENERAL SAN MARTIN B.E.	ARGENTINA	04082	C	HJARDARNES	ICELAND
06700	C	GENEVE-COINTRIN	SWITZ. LIECH.	94975	CT	HOBART AIRPORT	AUSTRALIA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	93614	C	HOKITIKA AERODROME	N ZEALAND
81001	C	GEOGETOWN	GUYANA	61240	C	HOMBORI	MALI
94403	C	GERALDTON AIRPORT	AUSTRALIA	91517	T	HONIARA	SOLOMON ISLANDS
60566	C	GHARDAIA	ALGERIA	91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS
08495	CT	GIBRALTAR	GIBRALTAR	91182	C	HONOLULU, OAHU, HAWAII	USA
94461	CT	GILES	AUSTRALIA	08506	C	HORTA (ACORES)	PORTUGAL
93291	C	GIBSBORNE AERODROME	N ZEALAND	23219	C	HOSEDA-HARD	USSR
41140	C	GIZAN	SAUDI ARABIA	51828	C	HOTAN	CHINA
94380	C	GLADSTONE	AUSTRALIA	72243	C	HOUSTON/INTERCONTINENTAL, TX.	USA
72768	C	GLASGOW/INTL, MT.	USA	78806	T	HOWARD AFB	PANAMA
20292	CT	GMO IM.E.K. FEDOROVA	USSR	84564	C	HUANUCO	PERU
43192	CT	GOA/PANJIM	INDIA	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
04250	C	GOODTHAB	DENMARK	72654	C	HURON/HURON REGIONAL, SD.	USA
09499	C	GOERLITZ	GERMAN DEM REP	41765	C	HYDERABAD	PAKISTAN
63331	C	GONDAR	ETHIOPIA	43128	CT	HYDERABAD AIRPORT	INDIA
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	47016	C	HYESAN	DPR KOREA
71816	C	GOOSE, NFLD.	CANADA	15090	C	IASI	ROMANIA
97048	C	GORONTALO/JALALUDDIN	INDONESIA	80214	C	IBAGUE/PERALES	COLOMBIA
02527	T	GOTEBORG/LANDVETTER	SWEDEN	32411	C	ICA	USSR
02512	C	GOTEBORG/SAVE	SWEDEN	87097	C	IGUAZU AERO	ARGENTINA
68906	CT	GOUGH ISLAND	SOUTH AFRICA	61972	C	ILE EUROPA	FRANCE
61045	C	GOURE	NIGER	61970	C	ILE JUAN DE NOVA	FRANCE
94150	CT	GOVE AIRPORT	AUSTRALIA	61968	C	ILES GLORIEUSES	FRANCE
72476	C	GRAND JUNCTION/WALKER F., CO.	USA	25248	C	ILIRNEJ	USSR
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	60640	C	ILLIZI	ALGERIA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	98637	C	ILOILO	PHILIPPINES
72775	CT	GREAT FALLS/INTL, MT.	USA	31416	C	IM POLINY OSIPENKO	USSR
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	60611	C	IN AMENAS	ALGERIA
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	60630	CT	IN SALAH	ALGERIA
72312	C	GREENVILLE/G-SPARTANBURG, SC.	USA	47112	C	INCHON	REP KOREA
09184	CT	GREIFSWALD	GERMAN DEM REP	72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
76612	C	GUADALAJARA, JAL.	MEXICO	42754	C	INDORE	INDIA
87497	C	GUALEGUAYCHU AERO	ARGENTINA	67323	C	INHAMBANE	MOZAMBIQUE
78701	C	GUANAJA	HONDURAS	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
76577	C	GUANAJUATO, GTO.	MEXICO	72747	CT	INT. FALLS/FALLS INTL, MN.	USA
80428	C	GUANARE	VENZUELA	71907	C	INUJKUAK, QUE.	CANADA
59287	CT	GUANGZHOU	CHINA	71957	CT	INUVIK, N.W.T.	CANADA
84203	C	GUAYAQUIL/SIMON BOLIVAR	ECUADOR	93844	CT	INVERCARGILL AERODROME	N ZEALAND

STATION LIST RECENT DATA

80370	C	IPIALES/SAN LUIS	COLOMBIA	67475	C	KASAMA	ZAMBIA
84377	C	QUITOS	PERU	51709	C	KASHI	CHINA
83881	C	IRAI	BRAZIL	62730	C	KASSALA	SUDAN
83836	C	IRATI	BRAZIL	10438	C	KASSEL	GERMANY, FED REP
30710	C	IRKUTSK	USSR	17074	C	KASTAMONU	TURKEY
47918	CT	ISHIGAKIJIMA	JAPAN	26629	CT	KAUNAS	USSR
85469	C	ISLA DE PASCUA	CHILE	61257	C	KAYES	MALI
85585	C	ISLA ROBINSON CRUSOE	CHILE	27595	CT	KAZAN'	USSR
88966	C	ISLAS ORCADAS D.N. (OBS.)	ARGENTINA	61699	C	KEDOUGOU	SENEGAL
17240	CT	ISPARTA	TURKEY	04018	CT	KEFLAVIK	ICELAND
17062	CT	ISTANBUL/GOZTEPE	TURKEY	97146	C	KENDARI/WOLTERMONGINSISI	INDONESIA
82445	C	ITAITUBA	BRAZIL	61285	C	KENIEBA	MALI
17220	CT	IZMIR	TURKEY	02805	C	KEVO	FINLAND
84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR	72201	C	KEY WEST/INTL, FL.	USA
47800	C	IZUHARA	JAPAN	41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA
82640	C	JACAREACANGA	BRAZIL	62721	CT	KHARTOUM	SUDAN
87305	C	JACHAL	ARGENTINA	61214	C	KIDAL	MALI
72235	C	JACKSON/ALLEN C. THOMP., MS.	USA	33345	CT	KIEV	USSR
72206	C	JACKSONVILLE/INTL, FL.	USA	61498	C	KIFFA	MAURITANIA
41715	C	JACOBABAD	PAKISTAN	64387	C	KIGALI	RWANDA
83186	C	JACOBINA	BRAZIL	02801	C	KILPISJARVI	FINLAND
43041	C	JAGDALPUR	INDIA	68438	C	KIMBERLEY	SOUTH AFRICA
24959	CT	JAKUTSK	USSR	47025	C	KIMCHAEK	DPR KOREA
01001	CT	JAN MAYEN	NORWAY	40437	CT	KING KHALED INTL AIRPORT	SAUDI ARABIA
68368	C	JAN SMUTS	SOUTH AFRICA	70326	C	KING SALMON, AK.	USA
41024	CT	JEDDAH/KING ABDUL AZIZ IAP	SAUDI ARABIA	45004	T	KING'S PARK	HONG KONG
60725	C	JENDOUBA	TUNISIA	78397	CT	KINGSTON/NORMAN MANLEY	JAMAICA
40184	C	JERUSALEM	ISRAEL	30230	CT	KIRENSK	USSR
41936	C	JESSORE	BANGLADESH	27196	C	KIROV	USSR
41598	C	JHELUM	PAKISTAN	61270	C	KITA	MALI
60351	C	JI JEL	ALGERIA	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
63402	C	JIMMA	ETHIOPIA	72326	C	KNOXVILLE/MUN., TN.	USA
52533	C	JIUQUAN	CHINA	06181	T	KOBENHAVN/JAEGERSBORG	DENMARK & FAROE IS.
41756	C	JIWANI	PAKISTAN	06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK & FAROE IS.
42339	CT	JODHPUR	INDIA	47893	C	KOCHI	JAPAN
02929	C	JOENSUU	FINLAND	61698	C	KOLDA	SENEGAL
02963	CT	JOKIOINEN	FINLAND	29231	CT	KOLPASEV	USSR
02550	C	JONKOPING FLYGPLATS	SWEDEN	10929	C	KONSTANZ	GERMANY, FED REP
78762	C	JUAN SANTAMARIA	COSTA RICA	25954	CT	KORF	USSR
84474	C	JUANJUI	PERU	65536	C	KORHOGO	COTE D'IVOIRE
83692	C	JUIZ DE FORA	BRAZIL	91408	C	KOROR, PALAU IS.	USA
87046	C	JUJUY/AERO	ARGENTINA	62772	C	KOSTI	SUDAN
84735	C	JULIACA	PERU	42452	C	KOTA AERODROME	INDIA
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUST.	48615	CT	KOTA BHARU	MALAYSIA
87548	C	JUNIN AERO	ARGENTINA	96471	CT	KOTA KINABALU	MALAYSIA
32150	CT	JUZNTO-SAHALINSK	USSR	70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA
02935	CT	JYVASKYLA	FINLAND	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
61886	C	KABALA	SIERRA LEONE	64893	C	KOUNDJA	REP CAMEROON
40948	C	KABUL AIRPORT	AFGHANISTAN	61293	C	KOUTIALA	MALI
67663	C	KABWE	ZAMBIA	43314	C	KOZHIKODE	INDIA
62810	C	KADUGLI	SUDAN	29574	CT	KRASNQJARSK	USSR
61492	C	KAEDI	MAURITANIA	38507	C	KRASNODVODSK	USSR
47827	C	KAGOSHIMA	JAPAN	64971	C	KRIBI	REP CAMEROON
47827	T	KAGOSHIMA/YOSHINO	JAPAN	48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA
97760	C	KAIMANA/UTAROM	INDONESIA	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
60735	C	KAIROUAN	TUNISIA	48657	CT	KUANTAN	MALAYSIA
93012	CT	KAITAIA	N ZEALAND	96413	CT	KUCHING	MALAYSIA
02897	C	KAJANI	FINLAND	56778	CT	KUNMING	CHINA
30469	C	KALAKAN	USSR	28952	CT	KUSTANAJ	USSR
94637	CT	KALGOORLIE AIRPORT	AUSTRALIA	71906	C	KUUJJUAQ, QUE.	CANADA
25744	C	KAMENSKOE	USSR	02869	C	KUUSAMO	FINLAND
67586	C	KAMUZU INTL.	MALAWI	40582	CT	KUWAIT INTL AIRPORT	KUWAIT
47605	C	KANAZAWA	JAPAN	33393	CT	L'VOV	USSR
65306	C	KANDI	BENIN	78705	C	LA CEIBA (AIRPORT)	HONDURAS
47105	C	KANGNUNG	REP KOREA	08001	CT	LA CORUNA	SPAIN
22165	C	KANIN NOS	USSR	78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS
61829	C	KANKAN	GUINEA	80405	C	LA ORCHILA	VENEZUELA
72446	C	KANSAS CITY, INTL, MO.	USA	76405	C	LA PAZ, B.C.S.	MEXICO
61679	C	KAOLACK	SENEGAL	85201	C	LA PAZ/ALTO	BOLIVIA
04340	C	KAP TOBIN	DENMARK	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
71831	C	KAPUSKASING, ONT.	CANADA	87217	C	LA RIOJA AERO.	ARGENTINA
41780	CT	KARACHI AIRPORT	PAKISTAN	85488	C	LA SERENA	CHILE
35394	CT	KARAGANDA	USSR	87534	C	LABOULAYE	ARGENTINA
02080	C	KARESUANDO	SWEDEN	82723	C	LABREA	BRAZIL
62660	C	KARIMA	SUDAN	68476	C	LADYSMITH	SOUTH AFRICA
02418	C	KARLSTAD FLYGPLATS	SWEDEN	60545	C	LAGHOUAT	ALGERIA

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87903	C	LAGO ARGENTINO AERO	ARGENTINA	60522	C	MAGHNIA	ALGERIA
41640	C	LAHORE CITY	PAKISTAN	61096	C	MAINE-SOROA	NIGER
72240	C	LAKE CHARLES/MUN., LA.	USA	67073	C	MAINTIRANO	MADAGASCAR
64551	C	LAMBARENE	GABON	67027	C	MAJUNGA	MADAGASCAR
72576	C	LANDER/HUNT, WY.	USA	91376	C	MAJURO/MARSHALL IS. INTL	USA
52889	CT	LANZHOU	CHINA	41030	C	MAKKAH	SAUDI ARABIA
98223	C	LAOAG	PHILIPPINES	48665	C	MALACCA	MALAYSIA
02958	C	LAPPEENRANTA	FINLAND	62840	C	MALAKAL	SUDAN
87078	C	LAS LOMITAS	ARGENTINA	87506	C	MALARQUE AERO	ARGENTINA
72386	C	LAS VEGAS/MCCARRAN, NV.	USA	03980	C	MALIN HEAD	IRELAND
64560	C	LASTOURVILLE	GABON	63799	C	MALINDI	KENYA
94865	CT	LAVERTON AERODROME	AUSTRALIA	65548	C	MAN	COTE D'IVOIRE
78925	C	LE LAMENTIN	MARTINIQUE	67143	C	MANANJARY	MADAGASCAR
78897	CT	LE RAISET, GUADELOUPE	ST. MARTIN, ST. BARTH	82331	C	MANAUS	BRAZIL
94302	C	LEARMONTH AIRPORT	AUSTRALIA	82332	T	MANAUS (AEROPORTO)	BRAZIL
12120	CT	LEBA	POLAND	03334	C	MANCHESTER AIRPORT	U KINGDOM
03257	C	LEEMING	U KINGDOM	48042	C	MANDALAY	BURMA
98444	C	LEGASPI	PHILIPPINES	44341	C	MANDALGOVI	MONGOLIA
12374	T	LEGIONOWO	POLAND	65352	C	MANGO	TOGO
09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP	98429	C	MANILA INTL AIRPORT	PHILIPPINES
83242	C	LENCOIS	BRAZIL	71722	CT	MANIWAKI, QUE.	CANADA
26063	CT	LENINGRAD (TOWN/VILLE)	USSR	43413	C	MANNAR	SRI LANKA
03005	CT	LERWICK	U KINGDOM	76654	C	MANZANILLO, COL.	MEXICO
71874	C	LETHBRIDGE, ALTA.	CANADA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
80398	C	LETICIA/VASQUEZ COBO	COLOMBIA	87774	C	MAQUINCHAO	ARGENTINA
72422	C	LEXINGTON/BLUE GRASS, KY.	USA	87692	C	MAR DEL PLATA AERO	ARGENTINA
55591	CT	LHASA	CHINA	82562	C	MARABA	BRAZIL
64500	C	LIBREVILLE	GABON	80407	C	MARACAIBO-LA CHINITA	VENEZUELA
67217	C	LICHINGA	MOZAMBIQUE	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
91165	CT	LIHUE, KAUAI, HAWAII	USA	61080	C	MARADI	NIGER
84628	C	LIMA-CALLAO/AEROP. INTL	PERU	87467	C	MARCOS JUAREZ AERO	ARGENTINA
07434	C	LIMOGES	FRANCE	16325	C	MARINA DI GINOSA	ITALY
09393	CT	LINDENBERG	GERMAN DEM REP	68994	CT	MARION ISLAND	SOUTH AFRICA
61627	C	LINGUERE	SENEGAL	86068	C	MARISCAL ESTIGARIBBIA	PARAGUAY
08535	C	LISBOA	PORTUGAL	64851	C	MAROUA-SALAK	REP CAMEROON
08579	T	LISBOA/GAGO COUTINHO	PORTUGAL	72743	C	MARQUETTE, MI.	USA
67743	C	LIVINGSTONE	ZAMBIA	60230	C	MARRAKECH	MOROCCO
84270	C	LOJA/LA ARGELIA	ECUADOR	07650	C	MARSEILLE/MARIGNANE	FRANCE
15511	C	LOM	BULGARIA	61996	T	MARTIN DE VIVIES(ILE AMST.)	FRANCE
65387	C	LOME	TOGO	41288	C	MASIRAH	OMAN
03776	C	LONDON/GATWICK AIRPORT	U KINGDOM	61630	C	MATAM	SENEGAL
83766	C	LONDrina	BRAZIL	47618	C	MATSUMOTO	JAPAN
94346	C	LONGREACH AIRPORT	AUSTRALIA	80435	C	MATURIN	VENEZUELA
72247	T	LONGVIEW, TX.	USA	89564	C	MAWSON	AUSTRALIA
94995	CT	LORD HOWE ISLAND	AUSTRALIA	64503	C	MAYUMBA	GABON
72295	C	LOS ANGELES/INTL, CA.	USA	40911	C	MAZAR-I-SHARIF	AFGHANISTAN
64401	C	LOUBOMO	CONGO	70231	C	MCGRATH, AK.	USA
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	89664	C	MCMURDO	USA
48930	C	LUANG-PHABANG	LAO PDR	60549	C	MECHERIA	ALGERIA
72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA	72597	CT	MEDFORD/MEDFORD-JACKSON, OR.	USA
42369	T	LUCKNOW/AMAUSI	INDIA	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
06770	C	LUGANO	SWITZ. LIECH.	09548	CT	MEININGEN	GERMAN DEM REP
61856	C	LUNGI	SIERRA LEONE	64545	C	MEKAMBO	GABON
16597	C	LUGA	MALTA	60150	C	MEKNES	MOROCCO
67666	T	LUSAKA CITY AIRPORT	ZAMBIA	86440	C	MELO	URUGUAY
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	87418	CT	MENDOZA AERO	ARGENTINA
07480	C	LYON/BRON	FRANCE	80425	C	MENE GRANDE	VENEZUELA
07481	T	LYON/SATOLAS	FRANCE	56985	C	MENGZI	CHINA
60467	C	M'SILA	ALGERIA	08314	C	MENORCA/MAHON	SPAIN
40310	C	MA'AN	JORDAN	97980	C	MERAUKE/MOPAH	INDONESIA
45011	C	MACAO	MACAU	86490	C	MERCEDES	URUGUAY
82098	C	MACAPA	BRAZIL	80438	C	MERIDA	VENEZUELA
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	72234	C	MERIDIAN/KEY, MS.	USA
94367	C	MACKAY	AUSTRALIA	16420	C	MESSINA	ITALY
72217	C	MACON/LEWIS B. WILSON, GA.	USA	72202	C	MIAMI, FL.	USA
94998	CT	MACQUARIE ISLAND	AUSTRALIA	72265	C	MIDLAND/MIDLAND REG., TX.	USA
98646	C	MACTAN	PHILIPPINES	91066	T	MIDWAY ISLAND	USA
40430	CT	MADINAH	SAUDI ARABIA	99090	CT	MIKE	OCEAN WEATHER STATIO
72641	C	MADISON/DANE COUNTY REG., WI.	USA	84202	C	MILAGRO	ECUADOR
43279	CT	MADRAS/MINAMBAKKAM	INDIA	16080	T	MILANO/LINATE	ITALY
08222	C	MADRID	SPAIN	94693	C	MILDURA AIRPORT	AUSTRALIA
08221	T	MADRID/BARAJAS	SPAIN	60430	C	MILIANA	ALGERIA
47624	C	MAEBASHI	JAPAN	72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA
40265	T	MAFRAG	JORDAN	47945	CT	MINAMIDAITOJIMA	JAPAN
61091	C	MAGARIA	NIGER	47991	CT	MINAMITORISHIMA	JAPAN
85114	C	MAGDALENA	BOLIVIA	43369	CT	MINICOY	INDIA

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72658	C	MINNEAPOLIS/ST.PAUL INTL,MN.	USA	47420	CT	NEMURO	JAPAN
26850	CT	MINSK	USSR	87715	CT	NEUQUEN AERO	ARGENTINA
29866	C	MINUSINSK	USSR	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
12772	C	MISKOLC	HUNGARY	72231	C	NEW ORLEANS, LA	USA
72773	C	MISSOULA/JOHNSON-BELL F.,MT.	USA	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
47585	C	MIYAKO	JAPAN	72503	C	NEW YORK/LA GUARDIA, NY.	USA
47927	C	MIYAKOJIMA	JAPAN	64870	C	NGAOUNDERE	REP CAMEROON
47830	C	MIYAZAKI	JAPAN	61052	CT	NIAMEY-AERO	NIGER
64565	C	MOANDA	GABON	07690	C	NICE	FRANCE
72223	C	MOBILE/BATES FIELD, AL.	USA	47604	C	NIIGATA	JAPAN
30673	C	MOGOKA	USSR	02942	C	NIINISALO	FINLAND
47165	C	MOKPO'	REP KOREA	32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR
72544	C	MOLINE/QUAD CITY, IL.	USA	31369	C	NIKOLAEVSK-NA-AMURE	USSR
72349	T	MONETT, MO.	USA	07645	CT	NIMES/COURBESSAC	FRANCE
67633	C	MONGU	ZAMBIA	61230	C	NIORO DU SAHEL	MALI
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	23724	C	NJAKSIMVOL'	USSR
76393	C	MONTERREY, N.L.	MEXICO	61878	C	NJALA	SIERRA LEONE
72226	C	MONTGOMERY/DANNELLY, AL.	USA	70200	CT	NOME, AK.	USA
71627	C	MONTRÉAL/DORVAL INTL, QUE.	CANADA	04312	C	NORD ADS	DENMARK
71836	CT	MOOSONEE, ONT.	CANADA	94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA
61265	C	MOPTI	MALI	72308	C	NORFOLK/INTL, VA.	USA
94527	CT	MOREE	AUSTRALIA	72556	C	NORFOLK/KARL STEFAN, NE.	USA
76665	C	MORELIA, MICH.	MEXICO	71043	CT	NORMAN WELLS, N.W.T.	CANADA
27612	CT	MOSKVA	USSR	71731	C	NORTH BAY, ONT.	CANADA
60457	C	MOSTAGANEM	ALGERIA	72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA
64550	C	MOUILA	GABON	61415	CT	NOUADHIBOU	MAURITANIA
71072	C	MOULD BAY A, N.W.T.	CANADA	61442	C	NOUAKCHOTT	MAURITANIA
64706	C	MOUNDOU	CHAD	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
64402	C	MOUYONDZI	CONGO	10763	C	NUERNBERG	GERMANY, FED REP
63619	C	MOYALE	KENYA	84132	C	NUEVO ROCAFUERTE	ECUADOR
94821	CT	MT GAMBIER AIRPORT	AUSTRALIA	76775	C	OAXACA, OAX.	MEXICO
94332	CT	MT ISA AIRPORT	AUSTRALIA	64659	C	OBO	CENTRAL AFRICAN REP
63971	C	MTWARA	U REP TANZANIA	33837	CT	ODESSA	USSR
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY, FED REP	65528	C	ODIENNE	COTE D'IVOIRE
10866	C	MUENCHEN-RIEM	GERMANY, FED REP	31088	CT	OHOTSK	USSR
17292	C	MUGLA	TURKEY	47815	C	OITA	JAPAN
42147	C	MUKTESWAR KUMAON	INDIA	24688	C	OJMJAKON	USSR
41675	CT	MULTAN	PAKISTAN	72353	CT	OKLAHOMA CITY/W.R.WORLD, OK.	USA
08430	T	MURCIA	SPAIN	24125	CT	OLENEK	USSR
44231	C	MUREN	MONGOLIA	72792	C	OLYMPIA, WA.	USA
22113	CT	MURMANSK	USSR	47655	C	OMAEZAKI	JAPAN
72636	C	MUSKEGON/COUNTY, MI.	USA	72553	C	OMAHA, NE.	USA
63756	C	MWANZA	U REP TANZANIA	28698	CT	OMSK	USSR
23146	CT	MYS KAMENNYJ	USSR	87016	C	ORAN AERO	ARGENTINA
25173	CT	MYS SMDTA	USSR	60490	C	ORAN/ES SENIA	ALGERIA
25399	C	MYS UELEN	USSR	35121	CT	ORENBURG	USSR
64654	C	N'DELE	CENTRAL AFRICAN REP	01241	T	ORLAND	NORWAY
61049	C	N'GUIGMI	NIGER	01241	C	ORLAND III	NORWAY
72340	C	N. LITTLE ROCK/MUN.APRT., AR.	USA	72205	C	ORLANDO/JETPORT/ FL.	USA
47817	C	NAGASAKI	JAPAN	85242	C	ORURO	BOLIVIA
47636	C	NAGOYA	JAPAN	47772	C	OSAKA	JAPAN
42867	CT	NAGPUR SONEGAON	INDIA	01384	CT	OSLO/GARDERMOEN	NORWAY
47936	CT	NAHA	JAPAN	02226	C	OSTERSUND/FROSÖN	SWEDEN
63741	T	NAIROBI/DAGORETTI	KENYA	11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR
41128	C	NAJRAN	SAUDI ARABIA	20674	CT	OSTROV DIKSON	USSR
48431	C	NAKHON RATCHASIMA	THAILAND	21432	CT	OSTROV KOTEL'NYJ	USSR
48400	C	NAKHON SAWAN	THAILAND	20069	C	OSTROV VIZE	USSR
67237	C	NAMPULA	MOZAMBIQUE	65503	C	OUAGADOUGOU	BURKINA FASO
58606	C	NANCHANG	CHINA	65502	C	OUAHIGOUYA	BURKINA FASO
07180	CT	NANCY/ESSEY	FRANCE	60265	C	OUARZAZATE	MOROCCO
91680	CT	NANDI	FIJI	64458	C	OUESSO	CONGO
59431	C	NANNING	CHINA	02875	C	OUUL'	FINLAND
07222	C	NANTES	FRANCE	91765	T	PAGO PAGO/INT. AIRPORT	USA
23205	CT	NAR'JAN-MAR	USSR	48955	C	PAKSE	LAO PDR
61233	C	NARA	MALI	08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN
04270	T	NARSSARSSUAQ	DENMARK	43363	C	PAMBAN	INDIA
72327	CT	NASHVILLE/OLD HICKORY, TN.	USA	43285	T	PANAMBUR	INDIA
78073	CT	NASSAU AIRPORT	BAHAMAS	41739	C	PANJGUR	PAKISTAN
65319	C	NATITINGOU	BENIN	41560	C	PARACHINAR	PAKISTAN
91683	C	NAUSORI	FIJI	65330	C	PARAKOU	BENIN
47909	C	NAZE	JAPAN	87374	C	PARANA AERO	ARGENTINA
47909	T	NAZE/FUNCHATOGE	JAPAN	07150	C	PARIS/LE BOURGET	FRANCE
64700	C	NDJAMENA	CHAD	87814	C	PASO DE INDIOS	ARGENTINA
80315	C	NEIVA/LA MANGUITA	COLOMBIA	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
61497	C	NEMA	MAURITANIA	86460	C	PASO DE LOS TOROS	URUGUAY

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80342	C	PASTO/ANTONIO NARINO	COLOMBIA	80412	C	PTO. CABELLO, B.N.	VENEZUELA
82791	C	PATOS	BRAZIL	84515	C	PUCALLPA	PERU
06610	T	PAYERNE	SWITZ. LIECH.	80457	C	PUERTO AYACUCHO	VENEZUELA
12942	C	PECS	HUNGARY	80139	C	PUERTO CARRENO	COLOMBIA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	86086	C	PUERTO CASADO	PARAGUAY
87544	C	PEHUAJO AERO	ARGENTINA	87896	C	PUERTO DESEADO AERO	ARGENTINA
91554	C	PEKOJA AIRPORT/ESPIRITU-SANTO	Vanuatu	78711	C	PUERTO LEMPIRA	HONDURAS
67215	C	PEMBA	MOZAMBIQUE	78767	C	PUERTO LIMON	COSTA RICA
48601	CT	PENANG/BAYAN LEPAS	MALAYSIA	84658	C	PUERTO MALDONADO	PERU
72688	C	PENDLETON, OR.	USA	85799	C	PUERTO MONTT	CHILE
72532	C	PEORIA/GREATER PEORIA, IL.	USA	78457	C	PUERTO PLATA	DOMINICAN REP
80210	C	PEREIRA/MATECANA	COLOMBIA	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
29225	C	PERM	USSR	85289	C	PUERTO SUAREZ	BOLIVIA
07747	C	PERPIGNAN	FRANCE	85934	C	PUNTA ARENAS	CHILE
94610	CT	PERTH AIRPORT	AUSTRALIA	87596	C	PUNTA INDIO B.A.	ARGENTINA
16230	C	PESCARA	ITALY	78760	C	PUNTARENAS	COSTA RICA
41530	CT	PESHAWAR	PAKISTAN	47159	C	PUSAN	REP KOREA
82983	C	PETROLINA	BRAZIL	47058	CT	PYONGYANG	DPR KOREA
32540	CT	PETROPAVLOVSK-KAMCHATKIJ	USSR	56137	C	QAMDO	CHINA
72408	C	PHILADELPHIA/INTL, PA.	USA	54857	C	QINGDAO	CHINA
48378	C	PHITSANULOK	THAILAND	50745	C	QIQIHAER	CHINA
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	67283	C	QUELIMANE	MOZAMBIQUE
78970	CT	PIARCO INTL AIRPORT, TRINIDAD	TRINIDAD	41660	C	QUETTA AIRPORT	PAKISTAN
84140	C	PICHILINGUE	ECUADOR	80144	C	QUIBDO/EL CARANO	COLOMBIA
68174	CT	PIETERSBURG	SOUTH AFRICA	72797	CT	QUILLAYUTE, WA.	USA
87679	C	PIGUE AERO	ARGENTINA	82586	C	QUIXERAMOBIM	BRAZIL
86255	C	PILAR	PARAGUAY	40362	C	RAFHA	SAUDI ARABIA
87349	C	PILAR OBSERVATORIO	ARGENTINA	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
16158	C	PISA/S. GIUSTO	ITALY	48097	C	RANGOON	BURMA
84691	C	PISCO	PERU	93997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND
72520	C	PITTSBURGH/GREATER PITT., PA.	USA	91958	CT	RAPA	FRENCH POLY.
84401	C	PIURA	PERU	72662	C	RAPID CITY/REG., SD.	USA
37050	C	PJATIGORSK	USSR	91843	CT	RAROTONGA	N ZEALAND
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	22602	C	REBOLY	USSR
03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM	82900	CT	RECIFE (CURADO)	BRAZIL
72578	C	POCATELLO/NUM., ID.	USA	87270	C	RECONQUISTA AERO	ARGENTINA
61612	C	PODOR	SENEGAL	71863	C	REGINA, SASK.	CANADA
47138	T	POHANG	REP KOREA	72488	C	RENO/INTL, NV.	USA
64400	C	POINTE-NOIRE	CONGO	87155	CT	RESISTENCIA AERO.	ARGENTINA
20046	TC	POLAR GMO IM.E.T. KRENKELJA	USSR	71924	C	RESOLUTE, N.W.T.	CANADA
91348	C	PONAPE, CAROLINE ISLANDS.	USA	04030	C	REYKJAVIK	ICELAND
08513	C	PONTA DELGADA (ACORES)	PORTUGAL	85043	C	RIBERALTA	BOLIVIA
83702	C	PONTA PORA	BRAZIL	72401	C	RICHMOND/BYRD, VA.	USA
43063	C	POONA	INDIA	91948	C	RIKITEA	FRENCH POLY.
11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA	82915	C	RIO BRANCO	BRAZIL
11934	C	POPRAD/TATRY	CZECHOSLOVAKIA	87736	C	RIO COLORADO	ARGENTINA
80421	C	PORLAMAR(AP INTL DEL CARIBE)	VENEZUELA	87453	C	RIO CUARTO AERO	ARGENTINA
43333	CT	PORT BLAIR	INDIA	83743	C	RIO DE JANEIRO	BRAZIL
68842	CT	PORT ELIZABETH	SOUTH AFRICA	87925	C	RIO GALLEGOS AERO	ARGENTINA
71109	C	PORT HARDY, B.C.	CANADA	87934	C	RIO GRANDE B.A.	ARGENTINA
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
62641	C	PORT SUDAN	SUDAN	87065	C	RIVADAVIA	ARGENTINA
61998	T	PORT-AUX-FRANCAIS(ILES KER.)	FRANCE	40438	C	RIYADH	SAUDI ARABIA
72606	C	PORTLAND/INTL JET PORT, ME.	USA	72411	C	ROANOKE/MUN., VA.	USA
72698	C	PORTLAND/INTL, OR.	USA	65660	C	ROBERTS FIELD	LIBERIA
83967	C	PORTO ALEGRE	BRAZIL	85268	C	ROBORE	BOLIVIA
83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL	86565	C	ROCHA	URUGUAY
83064	C	PORTO NACIONAL	BRAZIL	72644	C	ROCHESTER/MUN., MN.	USA
82825	C	PORTO VELHO	BRAZIL	72529	C	ROCHESTER/R-MONROE CTY., NY.	USA
84135	C	PORTO VIEJO-GRANJA	ECUADOR	61988	C	RODRIGUES	MAURITIUS
08546	C	PORTO/SERRA DO PILAR	PORTUGAL	16242	C	ROMA/FIUMICINO	ITALY
87178	C	POSADAS AERO.	ARGENTINA	06190	C	RONNE	DENMARK & FAROE IS.
09379	C	POTSDAM	GERMAN DEM REP	87480	C	ROSARIO AERO	ARGENTINA
12330	CT	POZNAN	POLAND	34731	CT	ROSTOV-NA-DONU	USSR
48500	C	PRACHUAP KHIRIKHAN	THAILAND	89062	C	ROTHERA POINT	U KINGDOM
11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA	45005	C	ROYAL OBSERVATORY	HONG KONG
11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA	51777	C	RUOQIANG	CHINA
16245	T	PRATICA DI MARE	ITALY	85141	C	RURRENABAQUE	BOLIVIA
87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA	61931	C	S. TOME	S. TOME
68262	C	PRETORIA	SOUTH AFRICA	89001	C	S.A.N.A.E. STATION	SOUTH AFRICA
68263	CT	PRETORIA (IRENE)	SOUTH AFRICA	82106	C	S.GABRIEL DO CACHOEIRA(UAU.)	BRAZIL
71896	CT	PRINCE GEORGE, B.C.	CANADA	71600	C	SABLE ISLAND, N.S.	CANADA
04390	C	PRINS CHRISTIAN SUND	DENMARK	72483	C	SACRAMENTO/EXECUTIVE, CA.	USA
72507	C	PROVIDENCE/GREEN STATE, RI.	USA	06680	C	SAENTIS	SWITZ. LIECH.
80002	C	PROVIDENCIA (ISLA)	COLOMBIA	42671	C	SAGAR	INDIA
12695	C	PRZEMYSŁ	POLAND	44354	C	SAINSHAND	MONGOLIA

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61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE	60445	C	SETIF	ALGERIA
61600	C	SAINT-LOUIS	SENEGAL	08390	C	SEVILLA/TABLADA	SPAIN
71805	C	SAINT-PIERRE	ST. PIERRE MIQUELON	63980	C	SEYCHELLES INTL AIRPORT	SEYCHELLES
08594	C	SAL	CAPE VERDE	63985	T	SEYCHELLES INTL APIRAW.STNI	SEYCHELLES
41316	CT	SALALAH	OMAN	58367	CT	SHANGHAI	CHINA
23330	CT	SALEHARD	USSR	03962	C	SHANNON AIRPORT	IRELAND
76833	C	SALINA CRUZ, OAX.	MEXICO	59316	C	SHANTOU	CHINA
72572	C	SALT LAKE CITY/INTL, UT.	USA	41136	C	SHARURAH	SAUDI ARABIA
87047	CT	SALTA AERO	ARGENTINA	71601	C	SHEARWATER, N.S.	CANADA
86360	C	SALTO	URUGUAY	70414	T	SHEMYA AFB, AK.	USA
83229	C	SALVADOR	BRAZIL	54342	C	SHENYANG	CHINA
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	72666	C	SHERIDAN/COUNTY, WY.	USA
35925	C	SAM	USSR	47898	C	SHIMIZU/ASHIZURI	JAPAN
17030	CT	SAMSUN	TURKEY	47778	CT	SHINOMISAKI	JAPAN
61277	C	SAN	MALI	72248	C	SHREVEPORT/REG., LA.	USA
80001	C	SAN ANDRES (ISLA)	COLOMBIA	64405	C	SIBITI	CONGO
72263	C	SAN ANGELO/MATHIS, TX.	USA	15260	C	SIBIU	ROMANIA
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	61297	C	SIKASSO	MALI
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	33946	C	SIMFEROPOL'	USSR
72253	C	SAN ANTONIO/INTL, TX.	USA	32195	C	SIMUSIR	USSR
84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR	48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE
72290	C	SAN DIEGO/LINDBERGH, CA.	USA	47035	C	SINUIJU	DPR KOREA
72290	T	SAN DIEGO/MONTGOMERY FLD, CA.	USA	72557	C	SIOUX CITY/MUN., IA.	USA
80450	C	SAN FERNANDO DE APURE	VENEZUELA	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
72494	C	SAN FRANCISCO/INTL, CA.	USA	17090	C	SIVAS	TURKEY
85207	C	SAN IGNACIO DE VELASCO	BOLIVIA	60355	C	SKIKDA	ALGERIA
85104	C	SAN JOAQUIN	BOLIVIA	13586	C	SKOPJE-PETROVAC	YUGOSLAVIA
85247	C	SAN JOSE	BOLIVIA	11903	C	SLIAC	CZECHOSLOVAKIA
84721	C	SAN JUAN	PERU	02836	CT	SODANKYLA	FINLAND
87311	C	SAN JUAN AERO	ARGENTINA	65361	C	SOKODE	TOGO
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	63962	C	SONGEA	U REP TANZANIA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO US POSS	48568	CT	SONGKHLA	THAILAND
87909	C	SAN JULIAN AERO	ARGENTINA	11146	C	SONNBLICK	AUSTRIA
87436	C	SAN LUIS AERO	ARGENTINA	72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA
65594	C	SAN PEDRO	COTE D'IVOIRE	13334	C	SPLIT/MARJAN	YUGOSLAVIA
87509	C	SAN RAFAEL AERO	ARGENTINA	72785	CT	SPOKANE/INTL, WA.	USA
71101	C	SANDSPIT, B.C.	CANADA	72439	C	SPRINGFIELD/CAPITAL, IL.	USA
85123	C	SANTA ANA	BOLIVIA	72440	C	SPRINGFIELD/MUN., MO.	USA
85245	C	SANTA CRUZ	BOLIVIA	42027	CT	SRINAGAR	INDIA
87912	C	SANTA CRUZ AERO	ARGENTINA	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
60020	C	SANTA CRUZ DE TENERIFE	SPAIN	72655	T	ST. CLOUD/WHITNEY, MN.	USA
80462	C	SANTA ELENA DE UAIAREN	VENEZUELA	61901	CT	ST. HELENA IS.	U KINGDOM
08515	C	SANTA MARIA (ACORES)	PORTUGAL	72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA
72394	C	SANTA MARIA/PUBLIC, CA.	USA	70308	C	ST. PAUL, AK.	USA
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	11028	C	ST. POELTEN	AUSTRIA
87623	C	SANTA ROSA AERO	ARGENTINA	83997	C	ST. VITORIA DO PALMAR	BRAZIL
78717	C	SANTA ROSA DE COPAN	HONDURAS	01415	CT	STAVANGER/SOLA	NORWAY
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	71815	CT	STEPHENVILLE, NFLD.	CANADA
78486	C	SANTO DOMINGO	DOMINICAN REP	80475	C	STO. DOMINGO (B.A.)	VENEZUELA
82668	C	SAO FELIX DO XINGU	BRAZIL	02464	C	STOCKHOLM/BROMMA	SWEDEN
82280	CT	SAO LUIZ	BRAZIL	02465	T	STOCKHOLM/BROMMA	SWEDEN
83781	C	SAO PAULO	BRAZIL	03026	CT	STORNOWAY	U KINGDOM
83780	T	SAO PAULO (AEROPORTO)	BRAZIL	07190	C	STRASBOURG	FRANCE
47412	CT	SAPPORO	JAPAN	10739	CT	STUTTGART/SCHNARRENBERG	GERMANY, FED REP
13354	C	SARAJEVO	YUGOSLAVIA	85283	C	SUCRE	BOLIVIA
34172	CT	SARATOV	USSR	41062	C	SULAYEL	SAUDI ARABIA
41594	T	SARGODHA	PAKISTAN	15360	C	SULINA	ROMANIA
64750	C	SARH	CHAD	72429	T	SULPHUR GROVE, OH.	USA
65599	C	SASSANDRA	COTE D'IVOIRE	02365	T	SUNDSVALL-HARNOSAND FLYGPLAT	SWEDEN
72734	C	SAULT STE. MARIE, MI.	USA	24738	C	SUNTAR	USSR
72207	C	SAVANNAH/MUNICIPAL, GA.	USA	41268	C	SUR	OMAN
65335	C	SAVE	BENIN	98653	C	SURIGAO	PHILIPPINES
48938	C	SAYABOURY	LAO PDR	01008	C	SVALBARD LUFTHAVN	NORWAY
10035	CT	SCHLESWIG	GERMANY, FED REP	28440	CT	SVERDLOVSK	USSR
04339	T	SCORESBYSUND	DENMARK	94767	C	SYDNEY AIRPORT	AUSTRALIA
72793	C	SEATTLE/S.-TACOMA, WA.	USA	71707	C	SYDNEY, N.S.	CANADA
62124	C	SEBHA	LIBYAN ARAB JAMAHIRI	23804	CT	SYKTYVKAR	USSR
41256	CT	SEEB, INTERNATIONAL AIRPORT	OMAN	41891	C	SYLHET	BANGLADESH
61272	C	SEGOU	MALI	72519	C	SYRACUSE/HANCOCK, NY.	USA
25703	CT	SEJMCA	USSR	12205	C	SZCZECIN	POLAND
36177	C	SEMIPALATINSK	USSR	12982	CT	SZEGED	HUNGARY
47590	CT	SENDAI	JAPAN	65380	C	TABLIGBO	TOGO
62762	C	SENNAR	SUDAN	63832	C	TABORA AIRPORT	U REP TANZANIA
48948	C	SENO	LAO PDR	65592	C	TABOU	COTE D'IVOIRE
71811	C	SEPT-ILES, QUE.	CANADA	40375	CT	TABUK	SAUDI ARABIA
61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE	98550	C	TACLOBAN	PHILIPPINES

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84782	C	TACNA	PERU	87121	C	TUCUMAN AERO	ARGENTINA
98644	C	TAGBILARAN	PHILIPPINES	98233	C	TUGUEGARAO	PHILIPPINES
83235	C	TAGUATINGA	BRAZIL	67161	C	TULEAR	MADAGASCAR
91938	CT	TAHITI-FAAA	FRENCH POLY.	72356	C	TULSA/INTL, OK.	USA
61043	C	TAHOUA	NIGER	80337	C	TUMACO/EL MIRA	COLOMBIA
58968	T	TAIBEI	CHINA	84370	C	TUMBES	PERU
41036	C	TAIF	SAUDI ARABIA	80453	C	TUMEREMO	VENEZUELA
91943	C	TAKAROA	FRENCH POLY.	60715	C	TUNIS CARTHAGE	TUNISIA
84390	C	TALAR	PERU	24507	CT	TURA	USSR
72214	C	TALLAHASSEE/MUN., FL.	USA	40356	C	TURAIF	SAUDI ARABIA
26038	C	TALLIN	USSR	35358	C	TURGAJ	USSR
60680	C	TAMANRASSET	ALGERIA	02972	C	TURKU	FINLAND
67095	C	TAMATAVE	MADAGASCAR	23472	CT	TURUHANSK	USSR
61687	C	TAMBACOUNDA	SENEGAL	48407	T	UBON RATCHATHANI	THAILAND
38413	C	TAMDY	USSR	06447	CT	UCCLE	BELGIUM
72211	C	TAMPA/INTL, FL.	USA	16045	C	UDINE/RIVOLTO	ITALY
76548	C	TAMPICO, TAMPS	MEXICO	48354	C	UDON THANI	THAILAND
87645	C	TANDIL AERO	ARGENTINA	97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA
84455	C	TARAPOTO	PERU	44292	C	ULAN-BATOR	MONGOLIA
91610	CT	TARAWA	N ZEALAND	44214	C	ULGI	MONGOLIA
23552	C	TARKO-SALE	USSR	44272	C	ULIASTAI	MONGOLIA
38457	CT	TASKENT	USSR	76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO
47646	T	TATENO	JAPAN	68424	CT	UPINGTON	SOUTH AFRICA
96481	CT	TAWAU	MALAYSIA	47426	C	URAKAWA	JAPAN
37549	CT	TBILISI	USSR	17270	C	URFA	TURKEY
78720	C	TEGUCIGALPA	HONDURAS	51463	CT	URUMQI	CHINA
78706	C	TELA	HONDURAS	30635	C	UST'-BARGUZIN	USSR
80478	C	TEMBLADOR	VENEZUELA	25325	C	UST'-OLOJ	USSR
56739	C	TENGCHONG	CHINA	02911	C	VAASA	FINLAND
89053	C	TENIENTE JUBANY E.C.	ARGENTINA	85766	C	VALDIVIA	CHILE
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	03953	CT	VALENTIA OBSERVATORY	IRELAND
83492	C	TEOFILO OTONI	BRAZIL	80426	C	VALERA	VENEZUELA
82578	C	TEREZINA	BRAZIL	08141	C	VALLADOLID	SPAIN
61202	C	TESSALIT	MALI	03302	C	VALLEY	U KINGDOM
67261	C	TETE	MOZAMBIQUE	71892	C	VANCOUVER INTL AIRPORT, B.C.	CANADA
71867	C	THE PAS, MAN.	CANADA	01098	C	VARDO	NORWAY
06011	CT	THORSHAVN	DENMARK & FAROE IS.	15552	C	VARNA	BULGARIA
41314	C	THUMRAIT	OMAN	26477	C	VELIKIE LUKI	USSR
94175	C	THURSDAY ISLAND	AUSTRALIA	16105	C	VENEZIA/TESSERA	ITALY
60511	C	TIARET	ALGERIA	83264	C	VERA (GLEBA CELESTE)	BRAZIL
61450	C	TIDJIKJA	MAURITANIA	42909	C	VERAVAL	INDIA
61036	C	TILLABERY	NIGER	24266	CT	VERHOJANSK	USSR
81002	C	TIMEHRI	GUYANA	16090	C	VERONA/VILLAFRANCA	ITALY
60607	C	TIMIMOUN	ALGERIA	48112	C	VICTORIA POINT	BURMA
15247	C	TIMISOARA	ROMANIA	72255	C	VICTORIA/VICTORIA REG., TX.	USA
60656	C	TINDOUF	ALGERIA	87791	C	VIEDMA AERO	ARGENTINA
84534	C	TINGO MARIA	PERU	48940	C	VIENTIANE	LAO PDR
03100	C	TIREE	U KINGDOM	83208	CT	VILHENA	BRAZIL
13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA	24641	C	VILJUJSK	USSR
60531	C	TLEMCEN (ZENATA)	ALGERIA	60096	C	VILLA CISNEROS	WESTERN SAHARA
28275	C	TOBOL'SK	USSR	87328	C	VILLA DOLORES AERO	ARGENTINA
47662	C	TOKYO	JAPAN	87448	C	VILLA REYNOLDS AERO	ARGENTINA
72536	C	TOLEDO/EXPRESS, OH.	USA	11212	C	VILLACHERALPE	AUSTRIA
61223	CT	TOMBOUCTOU	MALI	86233	C	VILLARRICA	PARAGUAY
72456	C	TOPEKA/MUN., KS.	USA	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
71624	C	TORONTO INTL AIRPORT, ONT.	CANADA	02590	C	VISBY FLYGPLATS	SWEDEN
76382	C	TORREON, COAH.	MEXICO	43149	C	VISHAKHAPATNAM	INDIA
60555	C	TOUGGOURT	ALGERIA	83648	C	VITORIA	BRAZIL
07630	C	TOULOUSE/BLAGNAC	FRANCE	31960	CT	VLADIVOSTOK	USSR
94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA	27037	CT	VOLOGDA	USSR
16429	CT	TRAPANI/BIRGI	ITALY	34122	C	VORONEZ	USSR
07145	T	TRAPPES	FRANCE	22837	C	VYTEGRA	USSR
86500	C	TREINTA Y TRES	URUGUAY	72256	C	WACO/MADISON-COOPER, TX.	USA
87828	C	TRELEW AERO	ARGENTINA	03377	C	WADDINGTON	U KINGDOM
87688	C	TRES ARROYOS	ARGENTINA	62600	C	WADI HALFA	SUDAN
83618	C	TRES LAGOAS	BRAZIL	94910	CT	WAGGA AIRPORT	AUSTRALIA
16110	C	TRIESTE	ITALY	47600	CT	WAJIMA	JAPAN
43418	C	TRINCOMALEE	SRI LANKA	47401	CT	WAKKANAI	JAPAN
85154	C	TRINIDAD	BOLIVIA	97686	C	WAMENA/WAMENA	INDONESIA
62010	C	TRIPOLI INTL AIRPORT	LIBYAN ARAB JAMAHIRI	09170	C	WARNEMUENDE	GERMAN DEM REP
43371	CT	TRIVANDRUM	INDIA	12375	C	WARSZAWA-OKECIE	POLAND
01025	C	TROMSO/LANGNES	NORWAY	72405	C	WASHINGTON/NAT., VA.	USA
84501	C	TRUJILLO	PERU	72403	T	WASHINGTON/STERLING, VA.	USA
91334	CT	TRUK, CAROLINE IS.	USA	40400	C	WEJH	SAUDI ARABIA
91954	C	TUBuai	FRENCH POLY.	93434	C	WELLINGTON	N ZEALAND
72274	C	TUCSON/INTL, AZ.	USA	72203	C	WEST PALM BEACH/INTL, FL.	USA

STATION LIST RECENT DATA

71964	C	WHITEHORSE, Y.T.	CANADA
72450	C	WICHITA, KS.	USA
11035	CT	WIEN/HOHE WARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTON, PA.	USA
94776	C	WILLIAMSTOWN AERODROME	AUSTRALIA
94299	CT	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
72583	C	WINNEMUCCA/MUN., NV.	USA
71852	C	WINNIPEG INTL AIRPORT, MAN.	CANADA
12497	C	WLODOWA	POLAND
47055	C	WONSAN	DPR KOREA
94659	CT	WOOMERA AERODROME	AUSTRALIA
12425	T	WROCLAW I	POLAND
12424	C	WROCLAW II	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
85365	C	YACUIBA	BOLIVIA
72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
70361	CT	YAKUTAT, AK.	USA
64661	C	YALINGA	CENTRAL AFRICAN REP
65563	C	YAMOUSOUKRO	COTE D'IVOIRE
54292	C	YANJI	CHINA
64950	C	YAOUNDE	REP CAMEROON
91413	C	YAP, CAROLINE IS.	USA
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
76525	C	ZACATECAS,ZAC.(LA BUFA,ZAC)	MEXICO
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE).	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

COVER: The cover maps are long term means analyzed on a Miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center
January 1989

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